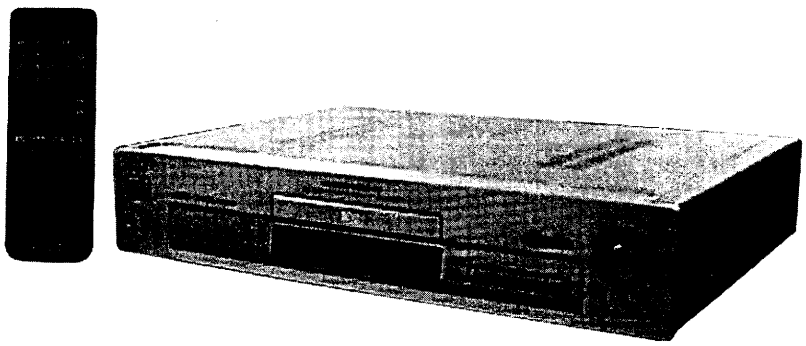
DVP-S715

RMT-D102P

Self Diagnostics Supported model



SPECIFICATIONS

CD/DVD player

Signal format system PAL/ (NTSC): DVP-A305/S315

Audio characteristics

Frequncy response DVD (PCM 96 kHz): 2 Hz to 44 kHz (+0.5 dB, –2.0 dB)
DVD (PCM 48 kHz): 2 Hz to 22 kHz (±0.5 dB)
CD: 2 Hz to 20 kHz (±0.5 dB)

Signal-to-noise ratio More than 108 dB (LINE OUT (AUDIO) connectors only)

Harmonic distortion Less than 0.0025%

Dynamic range More than 100 dB (DVD)
More than 98 dB (CD)

Wow and flutter Less than detected value (±0.001% W PEAK)

Outputs and inputs

	jack type	Output level	Load impedance
LINE OUT (AUDIO)	Phono jacks	2 Vrms (at 50 kilohms)	Over 10 kilohms
DIGITAL OUT (OPTICAL)	Optical output connector	–18 dBm	Wave length: 660 nm
DIGITAL OUT (COAXIAL)	Phono jacks	0.5 Vp-p	75 ohms terminated
LINE OUT (VIDEO)	Phono jack	1.0 Vp-p	75 ohms, sync negative
S VIDEO OUT	4-pin mini DIN	Y: 1.0 Vp-p C: 0.3 Vp-p	75 ohms, sync negative 75 ohms terminated
PHONES	Phone jack	12 mW	32 ohms

General

Power requirements 220 – 240 V AC, 50 Hz
Power consumption 22 W
Dimensions (approx.) 430 × 98 × 325 mm (17 × 3⅞ × 12⅞ in.) (w/h/d) incl. projecting parts
Mass (approx.) 4.8 kg (10 lb 9 oz)
Operating temperature 41°F to 95°F (5°C to 35°C)
Operating humidity 5% to 90%

Supplied accessories

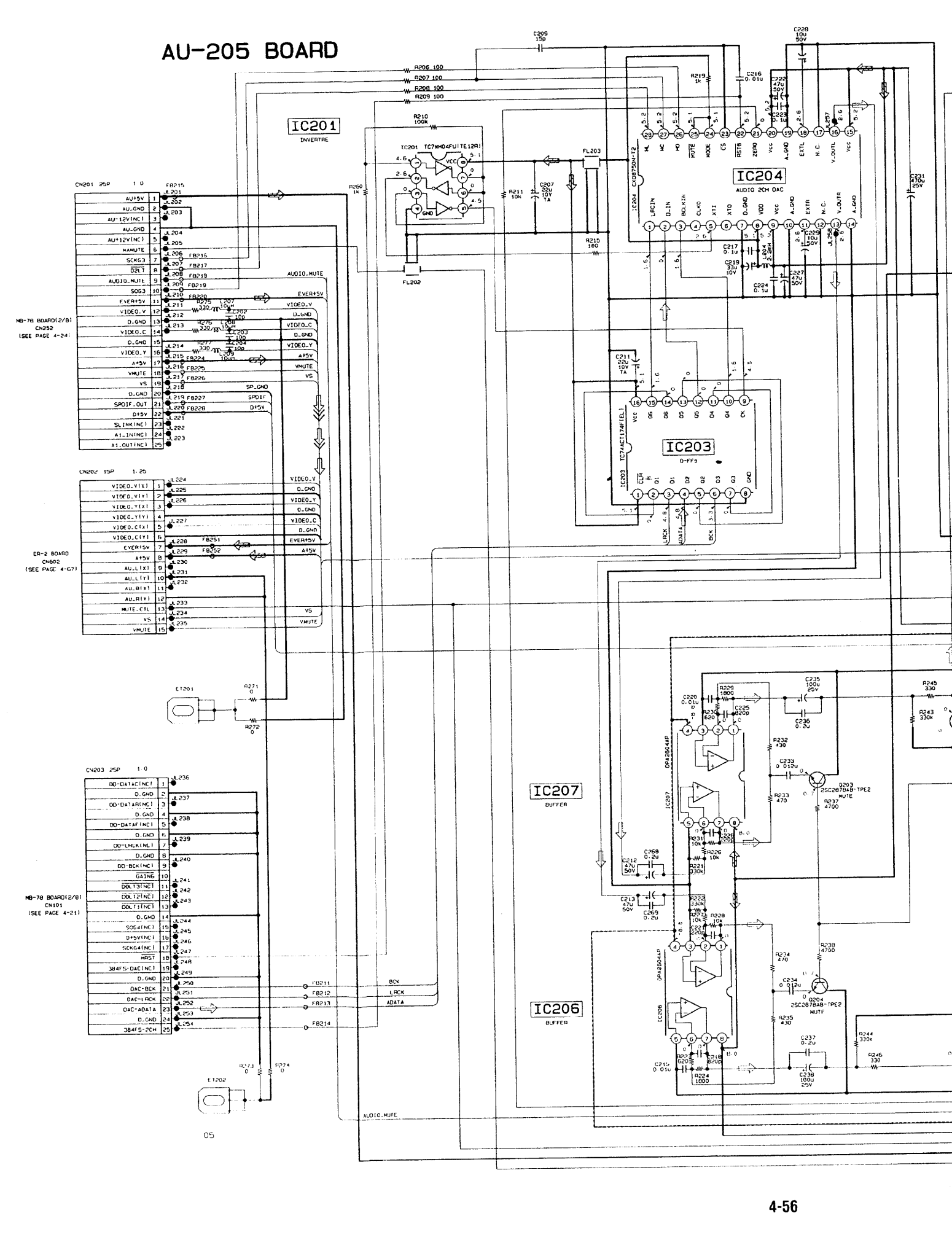
- Audio/Video connecting cord (1)
- S video cable (1)
- Remote commander (remote) RMT-D102P (1)
- Sony R6 (size AA) batteries (2)

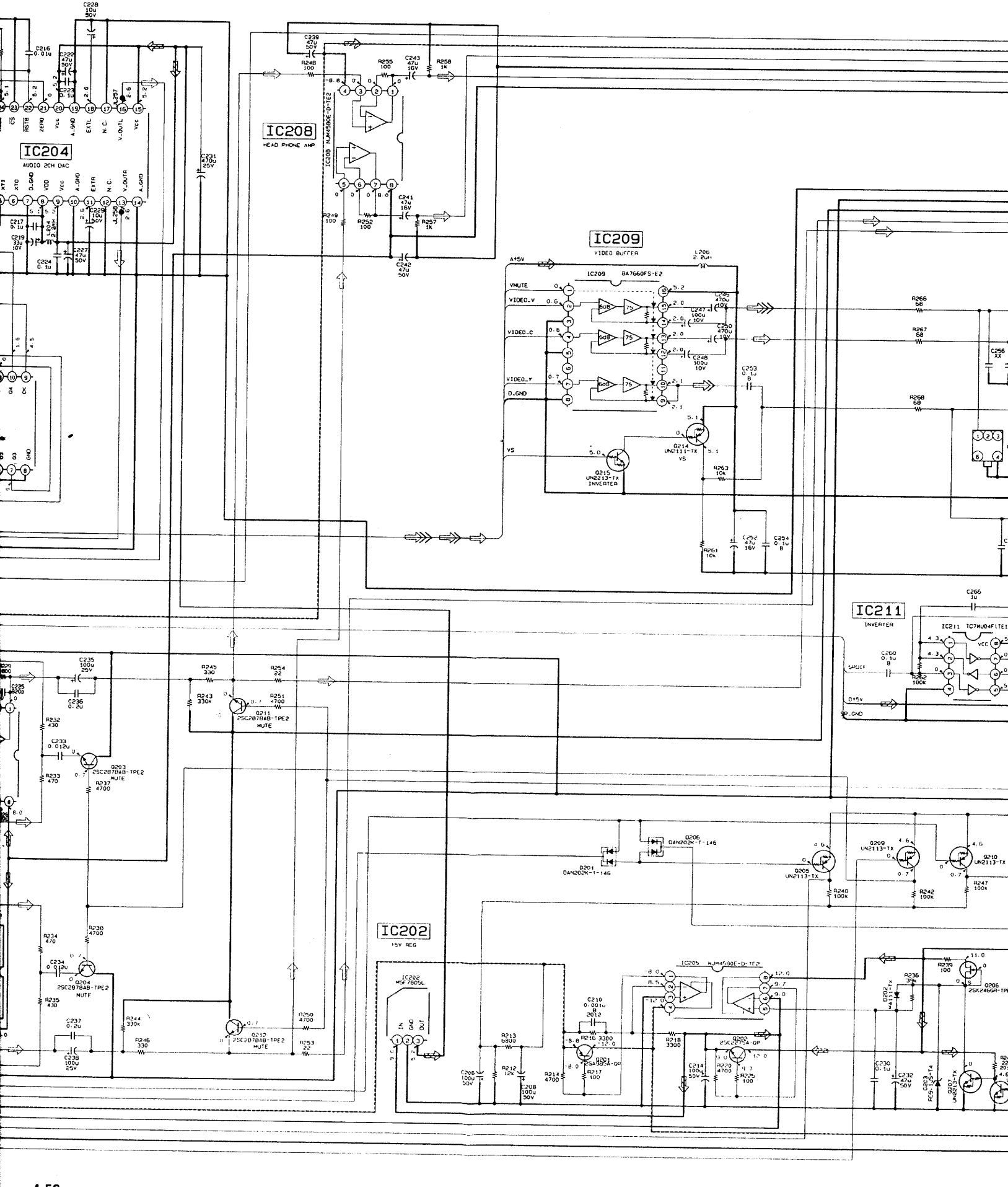
Design and specifications are subject to change without notice.

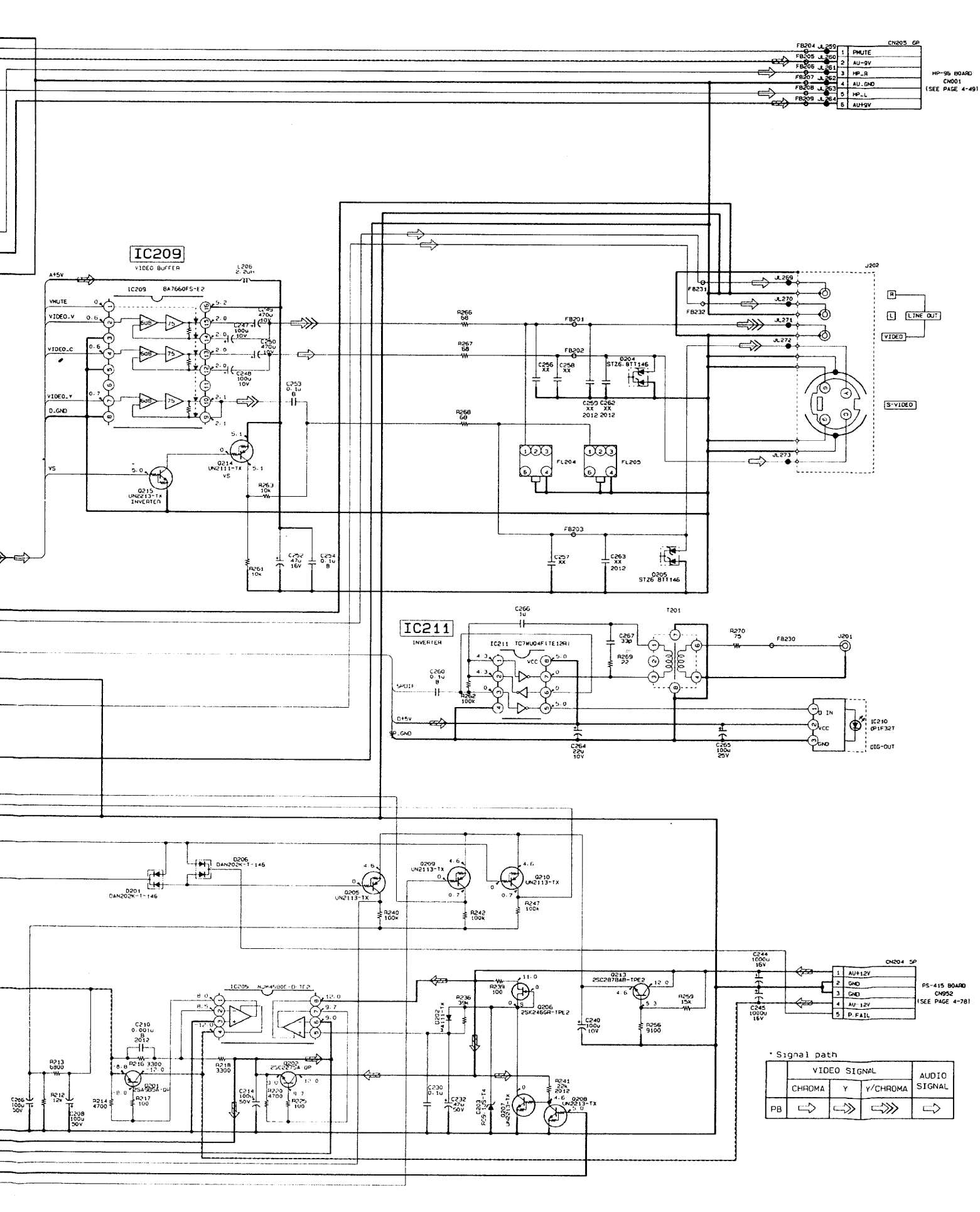
DVD VIDEO COMPACT disc DIGITAL VIDEO **CD/DVD PLAYER**

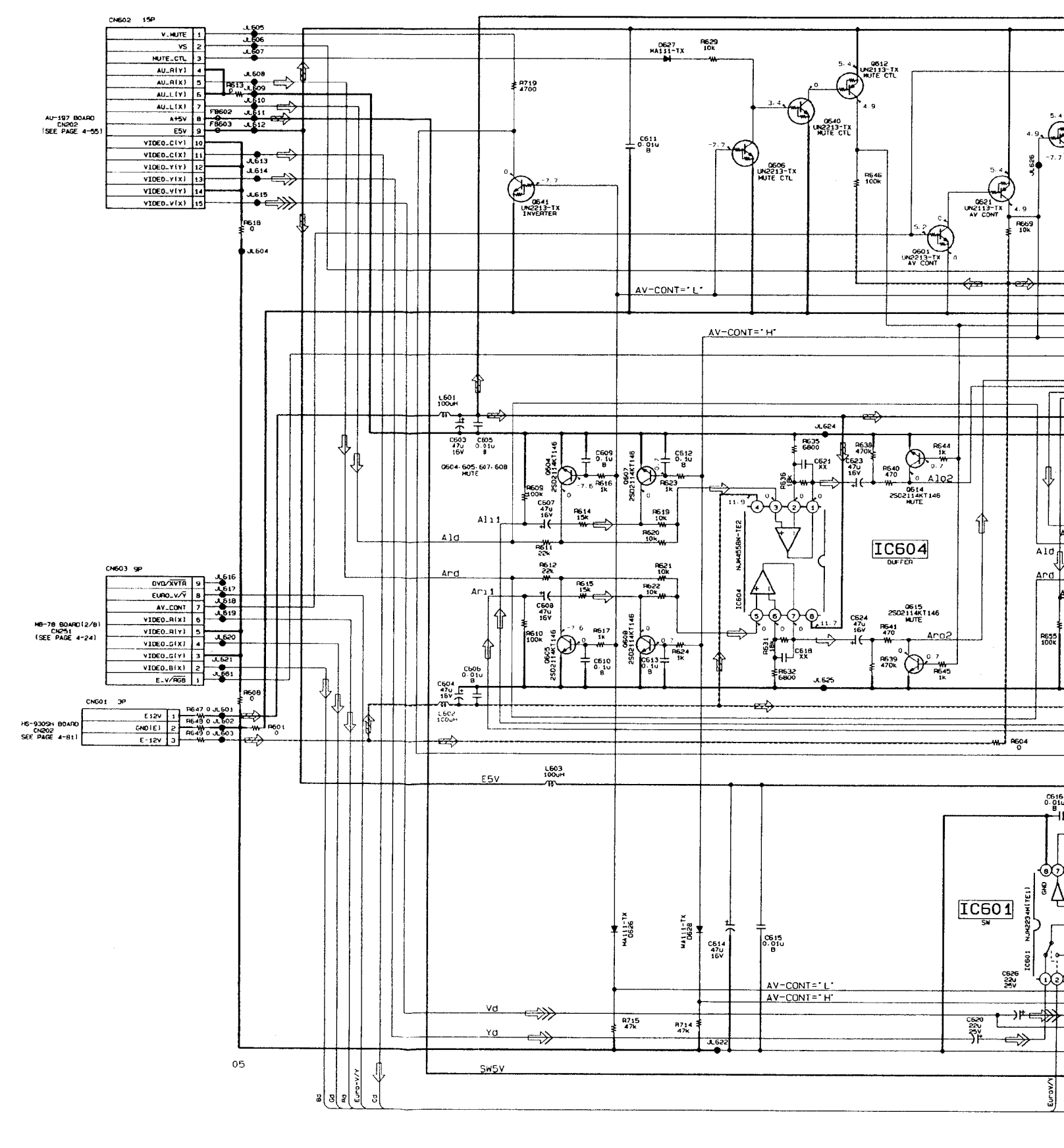
SONY®

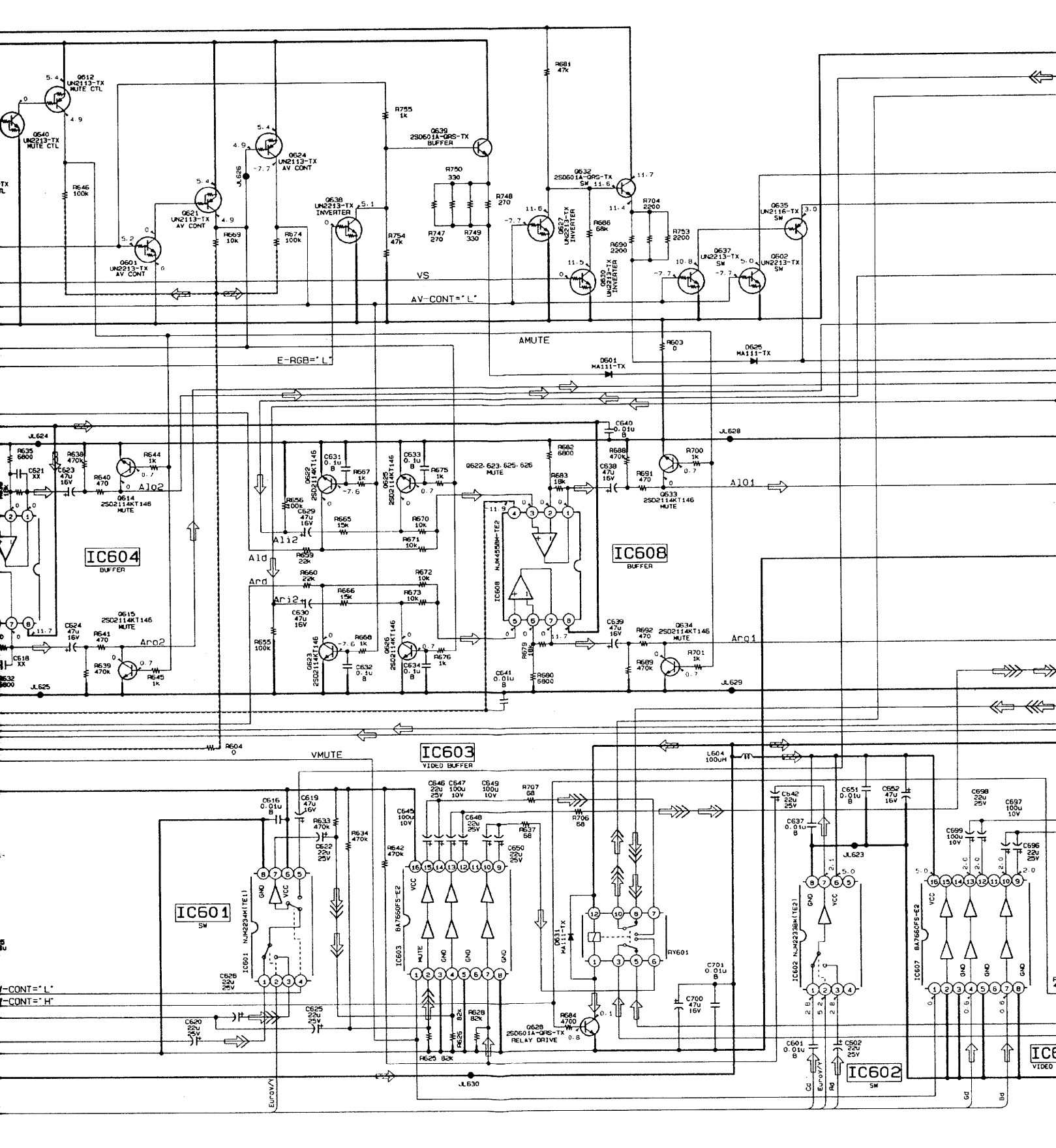
AU-205 BOARD

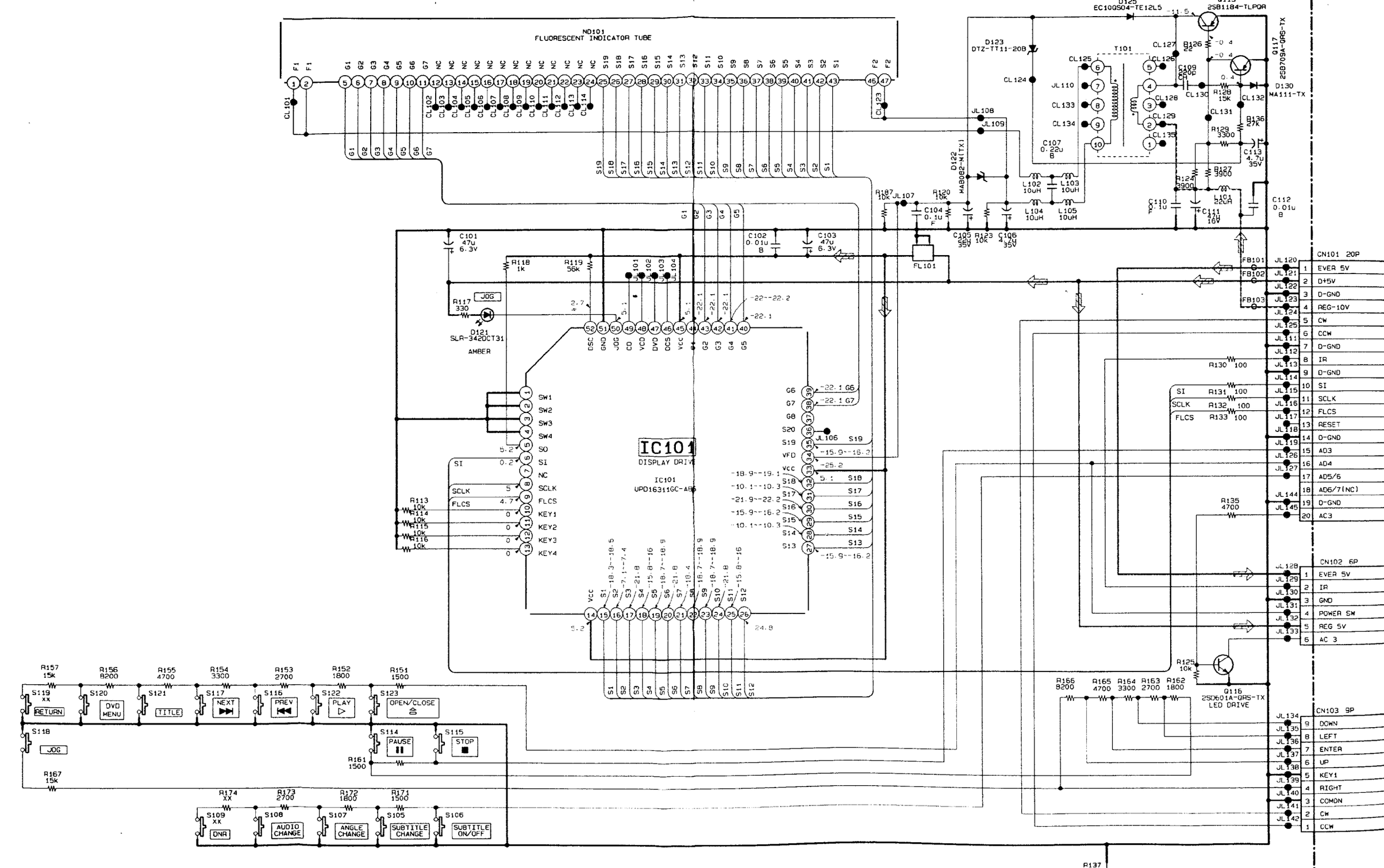

IC201
INVERTRE
IC204
AUDIO 2CH DAC
IC203
D-FF9
IC207
BUFFER
IC206
BUFFER
CN201 25P
CN202 15P
CN203 25P
AU+5V
AU_GND
AU-12V(NC)
AU+12V(NC)
MAMUTE
SCKG3
DZLT
AUDIO_MUTE
SDG3
EVER+5V
VIDEO_V
D_GND
VIDEO_C
VIDEO_Y
A+5V
VMUTE
VS
SP_GND
SPDIF_OUT
D+5V
SLINK(NC)
A1_IN(NC)
A1_OUT(NC)
VIDEO_V(X)
VIDEO_V(Y)
VIDEO_Y(X)
VIDEO_Y(Y)
VIDEO_C(X)
VIDEO_C(Y)
MUTE_CTL
DD-DATAC(NC)
DD-DATAR(NC)
DD-DATAF(NC)
DD-LRCK(NC)
DD-BCK(NC)
GAING
DDLT3(NC)
DDLT2(NC)
DDLT1(NC)
SDG4(NC)
D+5V(NC)
SCKG4(NC)
MRST
384FS-DAC(NC)
DAC-BCK
DAC-LRCK
DAC-ADATA
384FS-2CH
BCK
LRCK
ADATA
AUDIO_MUTE
NB-78 BOARD(2/8) CN252 (SEE PAGE 4-24)
NB-78 BOARD(2/8) CN101 (SEE PAGE 4-21)
ER-2 BOARD CN602 (SEE PAGE 4-67)

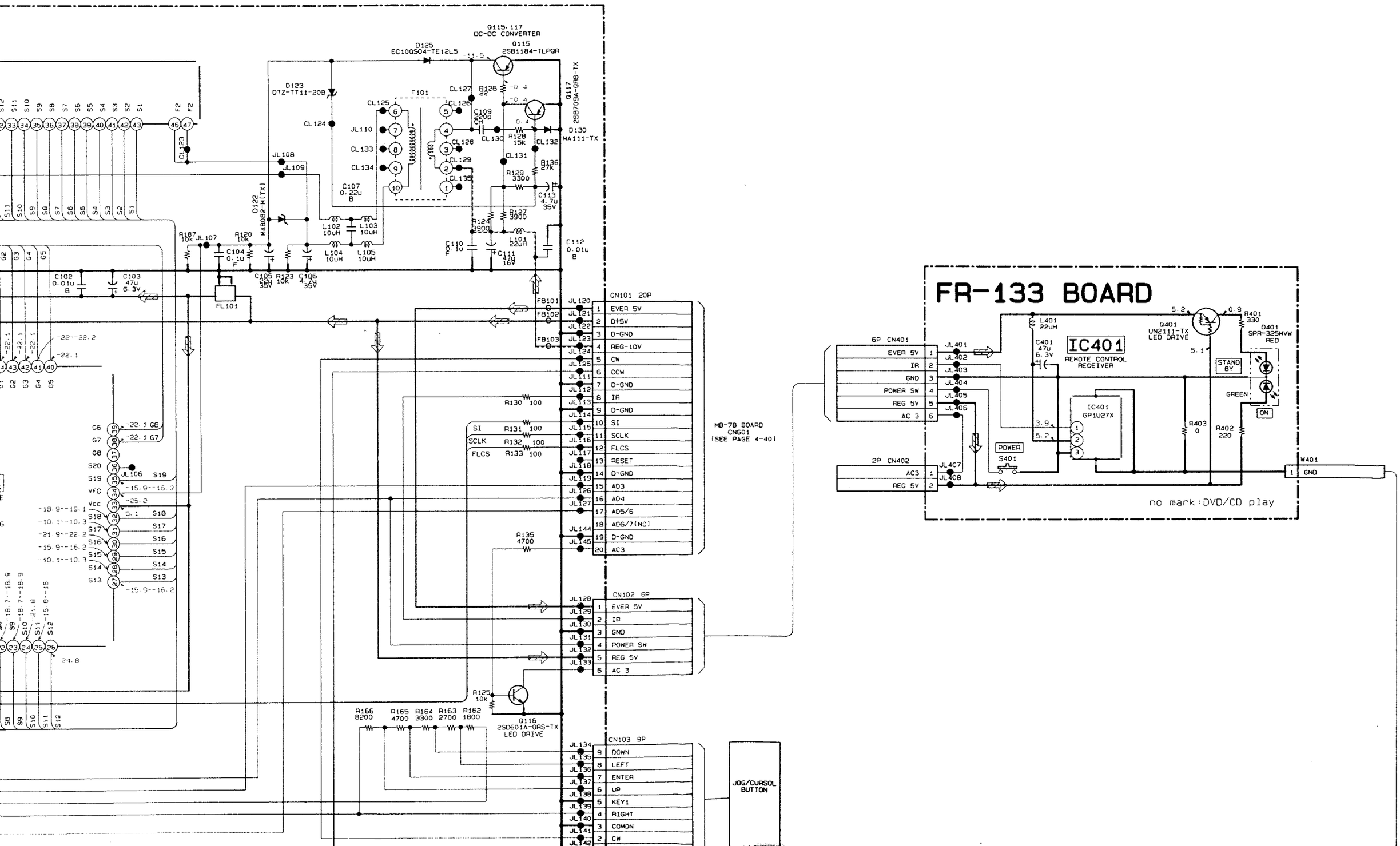

IC204
AUDIO 2CH DAC
IC208
HEAD PHONE AMP
IC209
VIDEO BUFFER
IC211
INVERTER
IC202
5V REG
MUTE
INVERTER


CN205 6P
FB204 JL259
FB205 JL260
FB206 JL261
FB207 JL262
FB208 JL263
FB209 JL264
1 PMUTE
2 AU-9V
3 HP_R
4 AU_GND
5 HP_L
6 AU+9V
HP-96 BOARD
CN001
(SEE PAGE 4-49)
IC209
VIDEO BUFFER
A+5V
L206 2.2uH
IC209 BA7660FS-E2
VMUTE
VIDEO_V
VIDEO_C
VIDEO_Y
D_GND
VS
C245 470u 10V
C247 100u 10V
C250 470u 10V
C248 100u 10V
C253 0.1u B
Q214 UN2111-TX VS
Q215 UN2213-TX INVERTER
R263 10k
R261 10k
C252 47u 16V
C254 0.1u B
R266 68
R267 68
R268 68
FB201
FB202
FB203
C256 XX
C258 XX
C259 XX 2012
C262 XX 2012
C257 XX
C263 XX 2012
Q204 STZ6.8T1146
Q205 STZ6.8T1146
FL204
FL205
J202
FB231
FB232
JL269
JL270
JL271
JL272
JL273
R
L
LINE OUT
VIDEO
S-VIDEO
IC211
INVERTER
IC211 TC7WU04FLTE12R1
C266 1u
C267 33p
R269 22
T201
R270 75
FB230
J201
C260 0.1u B
R262 100k
SPDIF
D+5V
SP_GND
C264 22u 10V
C265 100u 25V
D IN
VCC
GND
IC210 (P1F32T)
DIG-OUT
D206 DAN202K-T-146
D201 DAN202K-T-146
Q209 UN2113-TX
Q205 UN2113-TX
Q210 UN2113-TX
R240 100k
R242 100k
R247 100k
IC205 NJM4580F-D-TE2
C210 0.001u B 2012
R216 3300
R218 3300
R213 6800
R212 12k
R214 4700
R217 100
C206 100u 50V
C208 100u 50V
C214 100u 50V
R220 4700
R219 100
Q202 2SC2875A GP
Q201 2SA1054-GR
R236 39k
R239 100
Q206 2SK246GR-TPE2
Q213 2SC2878AB-TPE2
R259 15k
R256 9100
C240 100u 10V
C244 1000u 16V
C245 1000u 16V
CN204 5P
1 AU+12V
2 GND
3 GND
4 AU-12V
5 P.FAIL
PS-415 BOARD
CN952
(SEE PAGE 4-78)
C230 0.1u
C232 22u 50V
R241 22k 2012
Q208 UN2213-TX
Q203 2SC2875A-T4
Q207 UN2213-TX
R255 47k
D202 1SS111-TX
D203 1SS111-TX
Signal path
VIDEO SIGNAL
CHROMA
Y
Y/CHROMA
AUDIO SIGNAL
PB

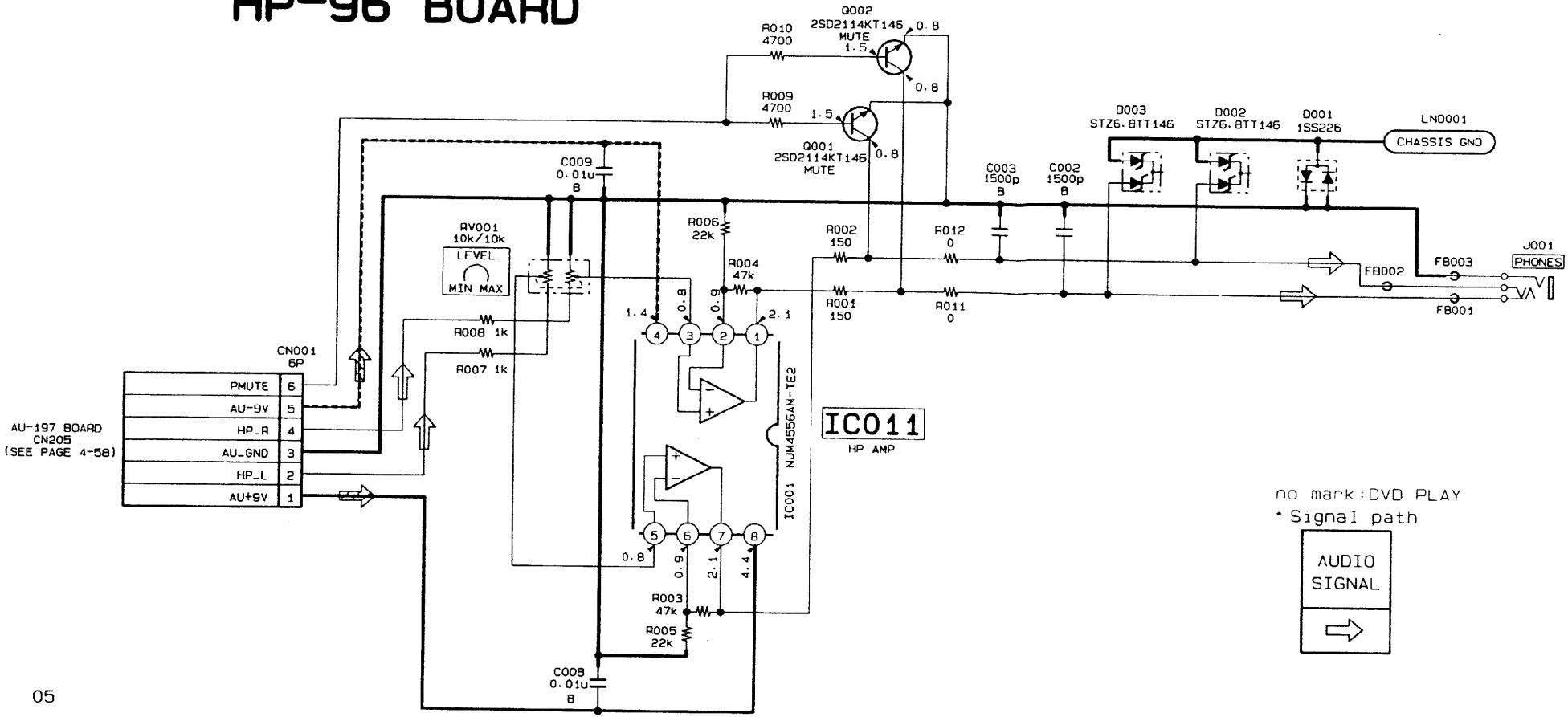

CN602 15P
V_MUTE 1
VS 2
MUTE_CTL 3
AU_R(Y) 4
AU_R(X) 5
AU_L(Y) 6
AU_L(X) 7
+5V 8
E5V 9
VIDEO_C(Y) 10
VIDEO_C(X) 11
VIDEO_Y(Y) 12
VIDEO_Y(X) 13
VIDEO_V(Y) 14
VIDEO_V(X) 15
AU-197 BOARD CN202 (SEE PAGE 4-55)
JL605
JL606
JL607
JL608
JL609
JL610
JL611
JL612
JL613
JL614
JL615
JL604
R613 0
FB602
FB603
R618 0
D627 MA111-TX
R629 10k
R719 4700
C611 0.01u B
Q641 UN2213-TX INVERTER
Q606 UN2213-TX MUTE CTL
Q640 UN2213-TX MUTE CTL
Q612 UN2113-TX MUTE CTL
R645 100k
Q621 UN2113-TX AV CONT
R669 10k
Q601 UN2213-TX AV CONT
JL626
AV-CONT="L"
AV-CONT="H"
L601 100uH
C603 47u 16V
C605 0.01u B
Q604-605-607-608 MUTE
2SD2114KT146
R605 100k
C607 47u 16V
R614 15k
R611 22k
C609 0.1u B
R616 1k
C612 0.1u B
R623 1k
R619 10k
R620 10k
JL624
R635 6800
C621 XX
R638 470k
C623 47u 16V
R640 470
R644 1k
Q614 2SD2114KT146 MUTE
R636 18k
IC604 BUFFER
NJM4558M-TE2
C624 47u 16V
R641 470
Q615 2SD2114KT146 MUTE
R639 470k
R645 1k
C618 XX
R632 6800
JL625
Ald
Ar1d
Ar2d
Al1
Al2
Ar1
Ar2
R612 22k
R615 15k
R621 10k
R622 10k
C608 47u 16V
R610 100k
R617 1k
C610 0.1u B
R624 1k
C613 0.1u B
C606 0.01u B
C604 47u 16V
L602 100uH
R608 0
CN603 9P
DVD/XVTR 9
EURO_V/Y 8
AV_CONT 7
VIDEO_R(X) 6
VIDEO_R(Y) 5
VIDEO_G(X) 4
VIDEO_G(Y) 3
VIDEO_B(X) 2
E_V/RGB 1
JL616
JL617
JL618
JL619
JL620
JL621
JL61
MB-78 BOARD(2/8) CN251 (SEE PAGE 4-24)
CN601 3P
E12V 1
GND(E) 2
E-12V 3
R647 0 JL601
R648 0 JL602
R649 0 JL603
R601 0
NS-930SH BOARD CN202 SEE PAGE 4-81
L603 100uH
E5V
C615 0.01u B
C614 47u 16V
MA111-TX D626
MA111-TX D628
IC601 SW
NJM2834M(TE1)
C626 22u 25V
C620 22u 25V
R715 47k
R714 47k
JL622
Yd
Vd
SW5V
AV-CONT="L"
AV-CONT="H"
Bd
Gd
Rd
Euro-V/Y
Cd
05

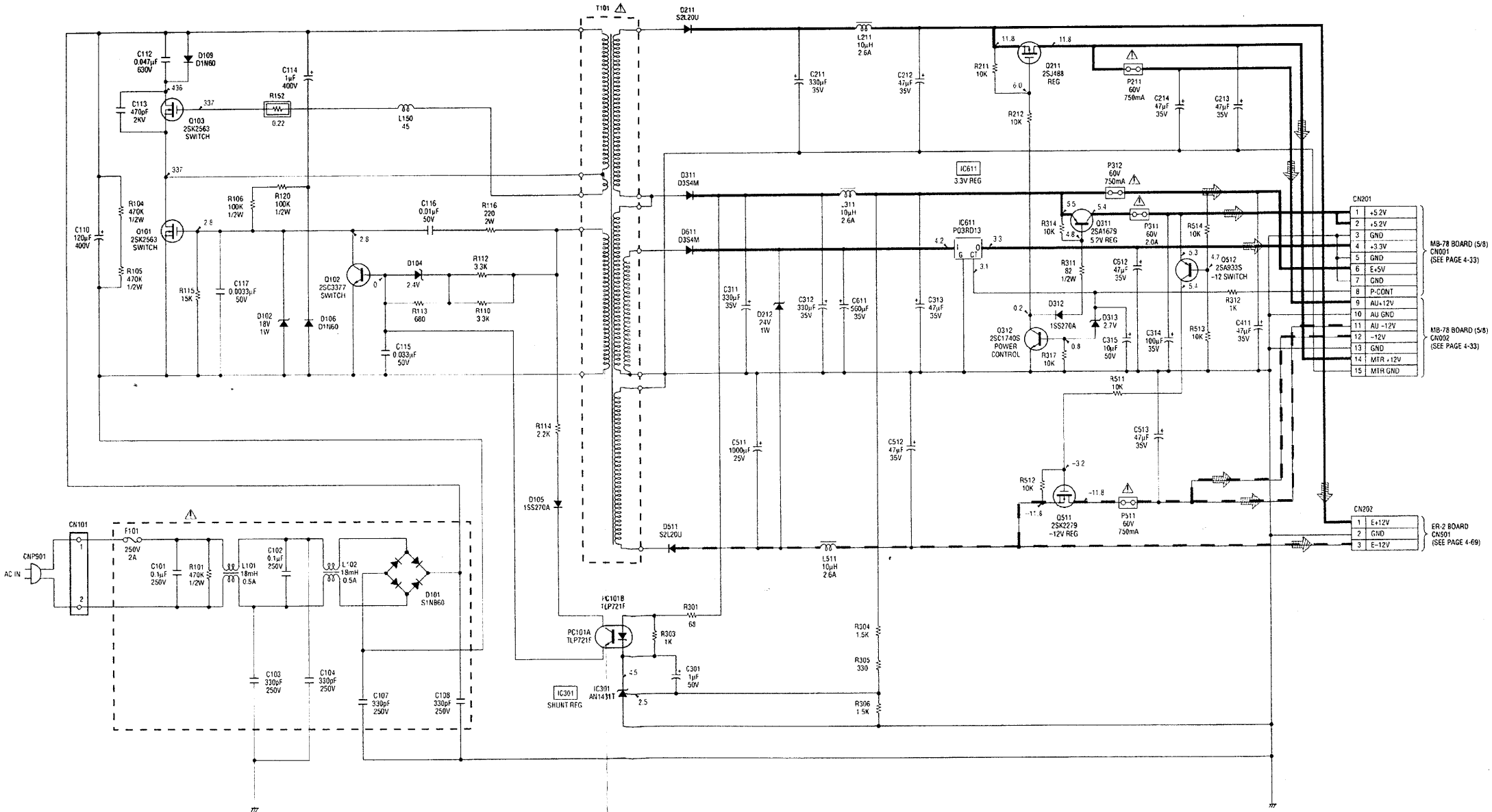

Q612 UN2213-TX MUTE CTL
Q540 UN2213-TX MUTE CTL
Q624 UN2213-TX AV CONT
Q621 UN2213-TX AV CONT
Q601 UN2213-TX AV CONT
Q638 UN2213-TX INVERTER
Q639 2SD601A-QRS-TX BUFFER
Q632 2SD601A-QRS-TX SW
Q627 UN2213-TX INVERTER
Q630 UN2213-TX INVERTER
Q635 UN2116-TX SW
Q637 UN2213-TX SW
Q602 UN2213-TX SW
R681 47k
R755 1k
R750 330
R748 270
R747 270
R749 330
R754 47k
R646 100k
R669 10k
R674 100k
R686 68k
R690 2200
R704 2200
R753 2200
VS
AV-CONT="L"
AMUTE
E-RGB="L"
D601 MA111-TX
D625 MA111-TX
R603 0
JL624
JL625
JL626
JL628
JL629
JL630
R604 0
Alo2
Alo1
Ali2
Ali1
Ari2
Ari1
Aro2
Aro1
IC604 BUFFER
IC608 BUFFER
IC603 VIDEO BUFFER
IC601 SW
IC602 SW
0622.623.625.626 MUTE
2SD2114KT146 MUTE
NJM4558M-TE2
VMUTE
L604 100uH
D631 MA111-TX
RY601
Q628 2SD601A-QRS-TX RELAY DRIVE
BA7660FS-E2
NJM2234M(TE1)
NJM2238M(TE2)
GND
VCC
MUTE
Euro-V
Cd
Rd
Gd
Bd
-CONT="L"
-CONT="H"

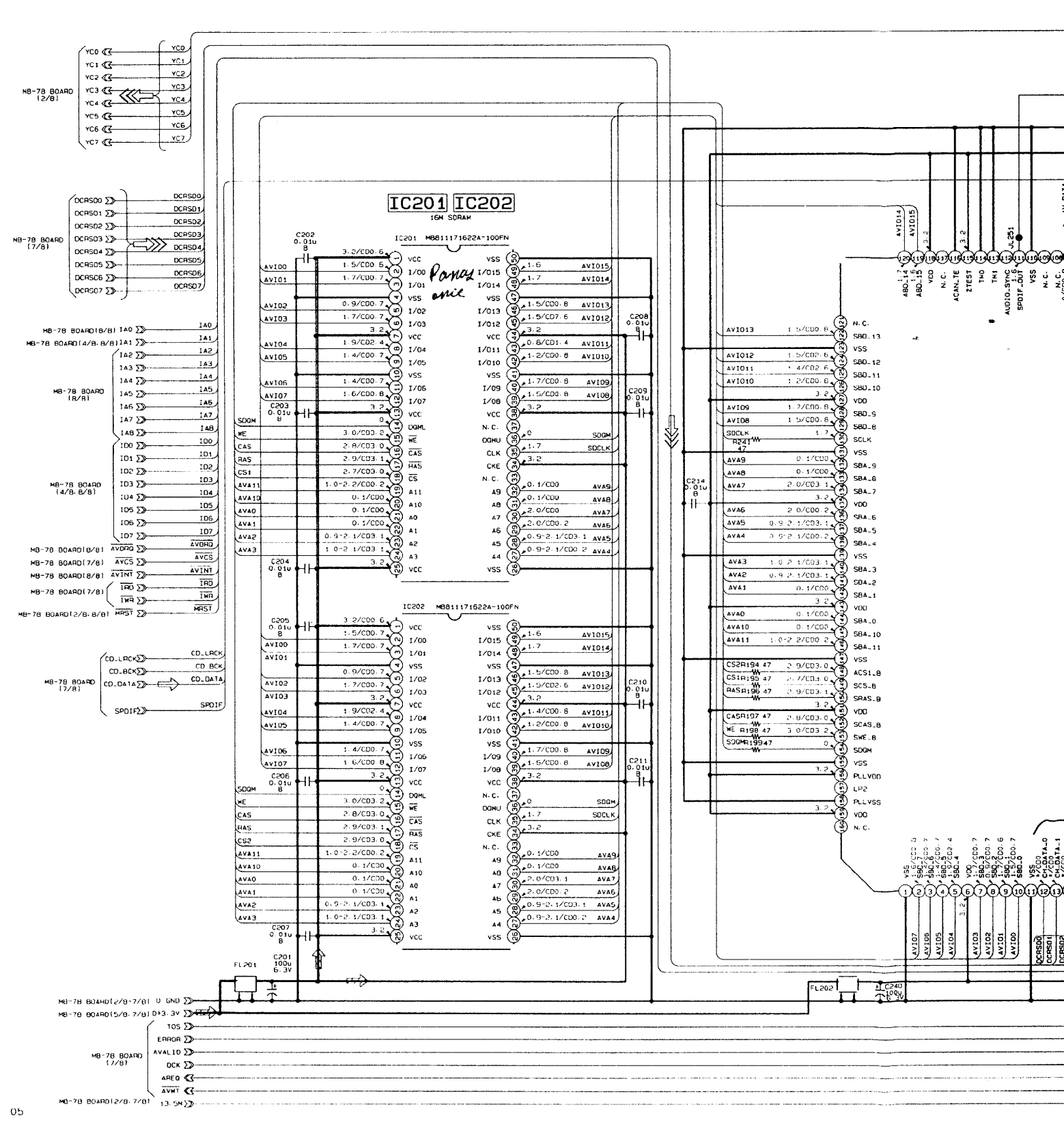

ND101
FLUORESCENT INDICATOR TUBE
IC101
DISPLAY DRIVE
IC101
UPD16311GC-AB6
D121
SLA-342DCT31
AMBER
JOG
FL101
D123
DTZ-TT11-20B
D122
MA8082-M(TX)
D125
EC10QS04-TE12L5
Q117
2SB709A-QRS-TX
Q116
2SD601A-QRS-TX
LED DRIVE
D130
MA111-TX
T101
CN101 20P
EVER 5V
D+5V
D-GND
REG-10V
CW
CCW
D-GND
IR
D-GND
SI
SCLK
FLCS
RESET
D-GND
AD3
AD4
AD5/6
AD6/7(NC)
D-GND
AC3
CN102 6P
EVER 5V
IR
GND
POWER SW
REG 5V
AC 3
CN103 9P
DOWN
LEFT
ENTER
UP
KEY1
RIGHT
COMON
CW
CCW
RETURN
DVD MENU
TITLE
NEXT
PREV
PLAY
OPEN/CLOSE
PAUSE
STOP
JOG
DNR
AUDIO CHANGE
ANGLE CHANGE
SUBTITLE CHANGE
SUBTITLE ON/OFF

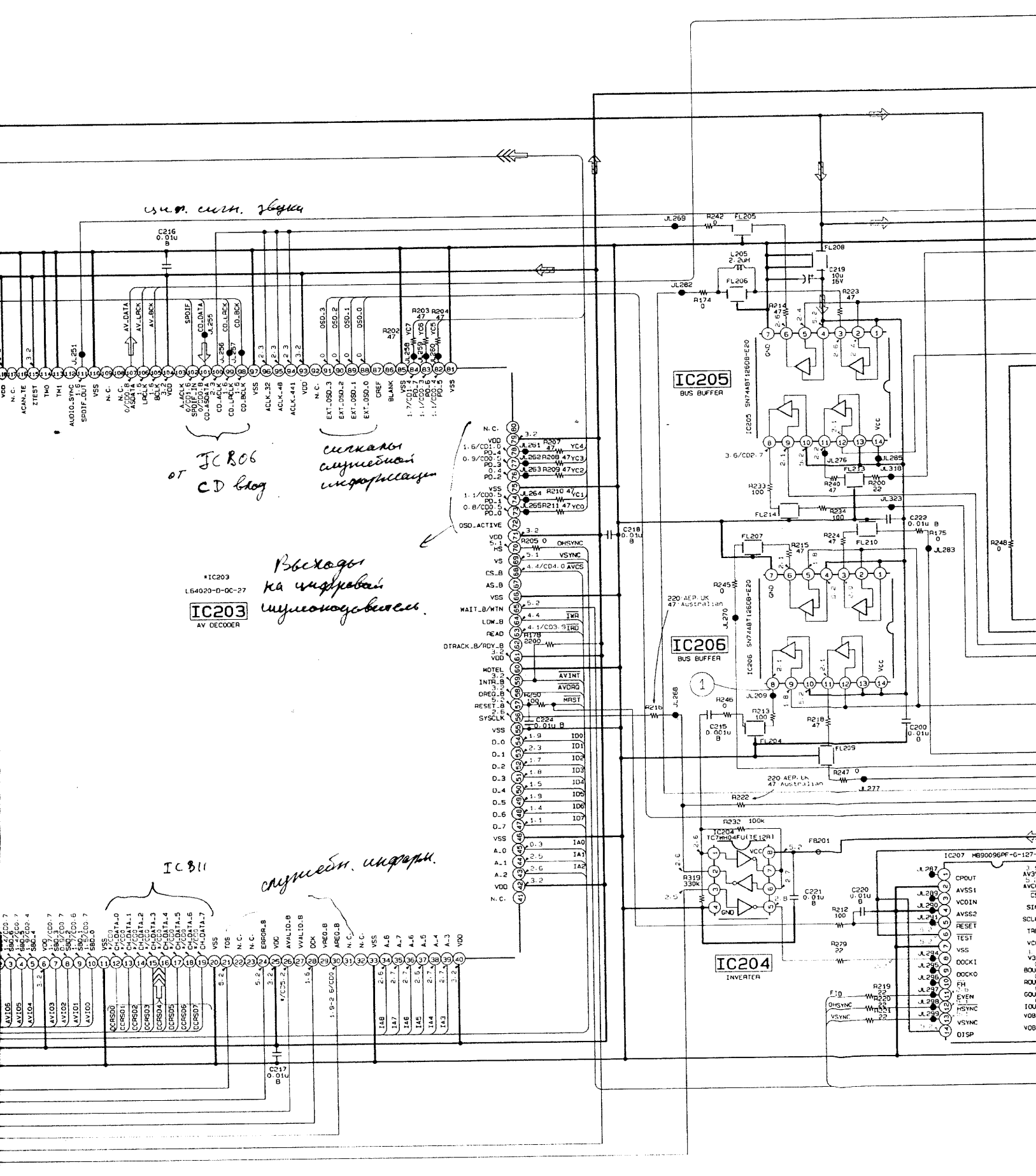

Q115·117
DC-DC CONVERTER
D125
EC10QS04-TE12L5
Q115
2SB1184-TLPQR
D123
DTZ-TT11-20B
T101
Q117
2SB709A-QRS-TX
D130
MA111-TX
D122
MA8082-M(TX)
C107
0.22u
B
C109
2200p
C110
0.1u
C111
47u
16V
C112
0.01u
B
C113
4.7u
35V
L101
22uH
L102
10uH
L103
10uH
L104
10uH
L105
10uH
FL101
CN101 20P
EVER 5V
D+5V
D-GND
REG-10V
CW
CCW
D-GND
IR
D-GND
SI
SCLK
FLCS
RESET
D-GND
AD3
AD4
AD5/6
AD6/7(NC)
D-GND
AC3
MB-78 BOARD
CN601
(SEE PAGE 4-40)
CN102 6P
EVER 5V
IR
GND
POWER SW
REG 5V
AC 3
Q116
2SD601A-QRS-TX
LED DRIVE
CN103 9P
DOWN
LEFT
ENTER
UP
KEY1
RIGHT
COMON
CW
JOG/CURSOL
BUTTON
FR-133 BOARD
6P CN401
EVER 5V
IR
GND
POWER SW
REG 5V
AC 3
2P CN402
AC3
REG 5V
Q401
UN2111-TX
LED DRIVE
IC401
REMOTE CONTROL
RECEIVER
IC401
GP1U27X
POWER
S401
STAND
BY
GREEN
ON
D401
SPR-325MVW
RED
W401
GND
no mark:DVD/CD play

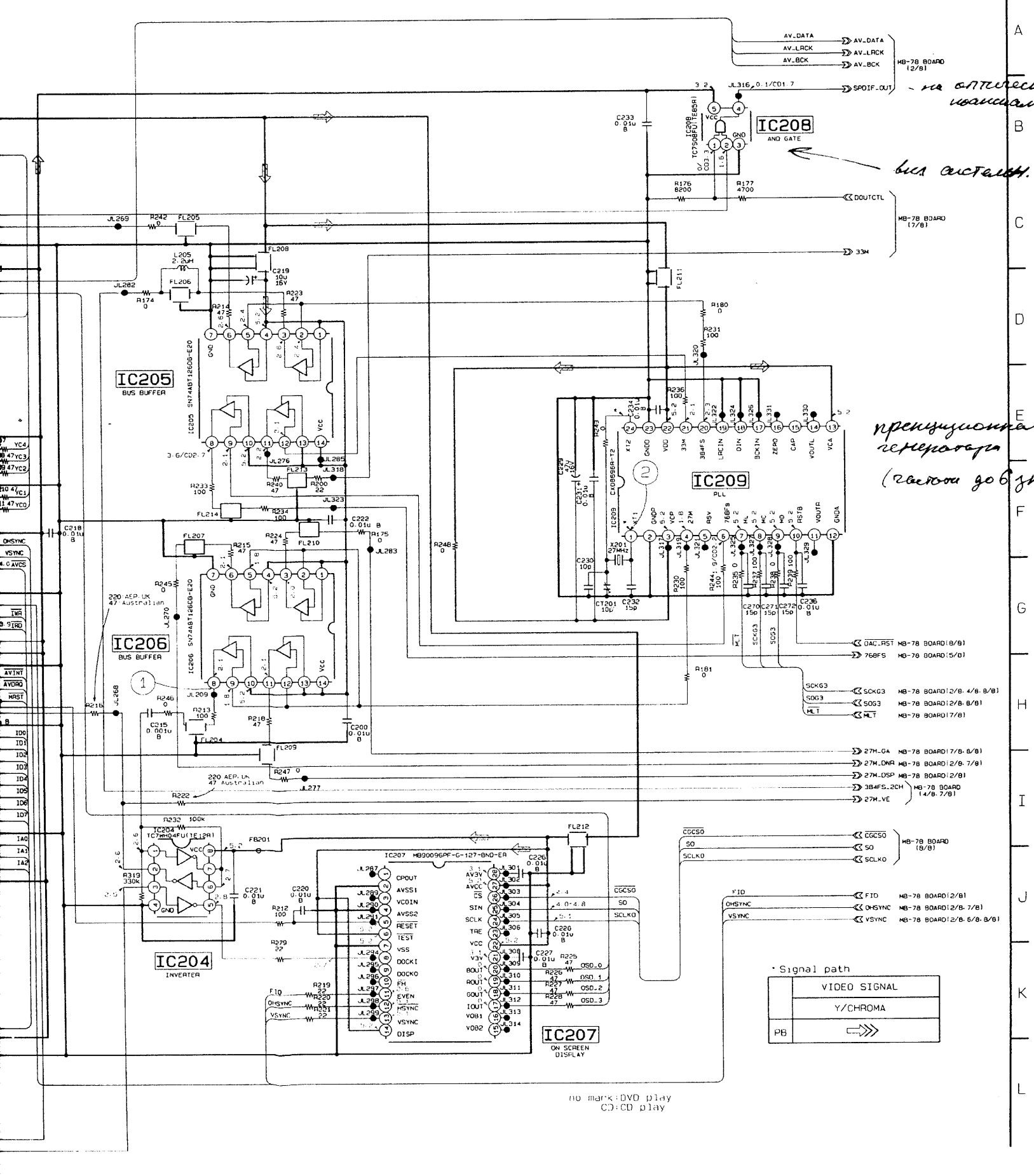
HP-96 BOARD

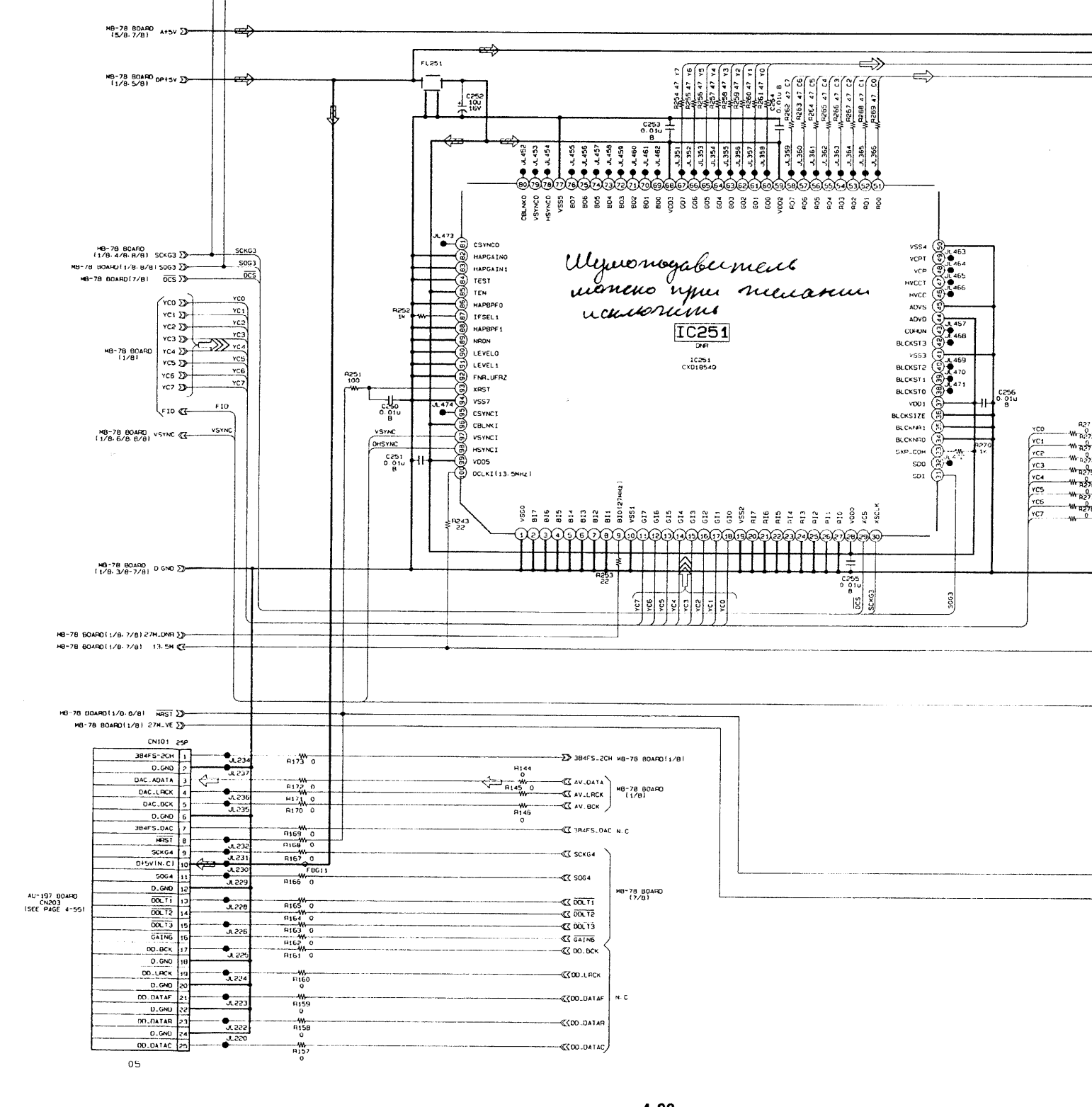

Q002
2SD2114KT145
MUTE
R010
4700
R009
4700
Q001
2SD2114KT145
MUTE
D003
STZ6.8TT146
D002
STZ6.8TT146
D001
1SS226
LND001
CHASSIS GND
C009
0.01u
B
C003
1500p
B
C002
1500p
B
AV001
10k/10k
LEVEL
MIN MAX
R006
22k
R004
47k
R002
150
R012
0
R001
150
R011
0
FB003
FB002
FB001
J001
PHONES
R008 1k
R007 1k
CN001
6P
PMUTE 6
AU-9V 5
HP_R 4
AU_GND 3
HP_L 2
AU+9V 1
AU-197 BOARD
CN205
(SEE PAGE 4-58)
ICO11
HP AMP
ICO01 NJM4556AM-TE2
R003
47k
R005
22k
C008
0.01u
B
no mark:DVD PLAY
• Signal path
AUDIO
SIGNAL

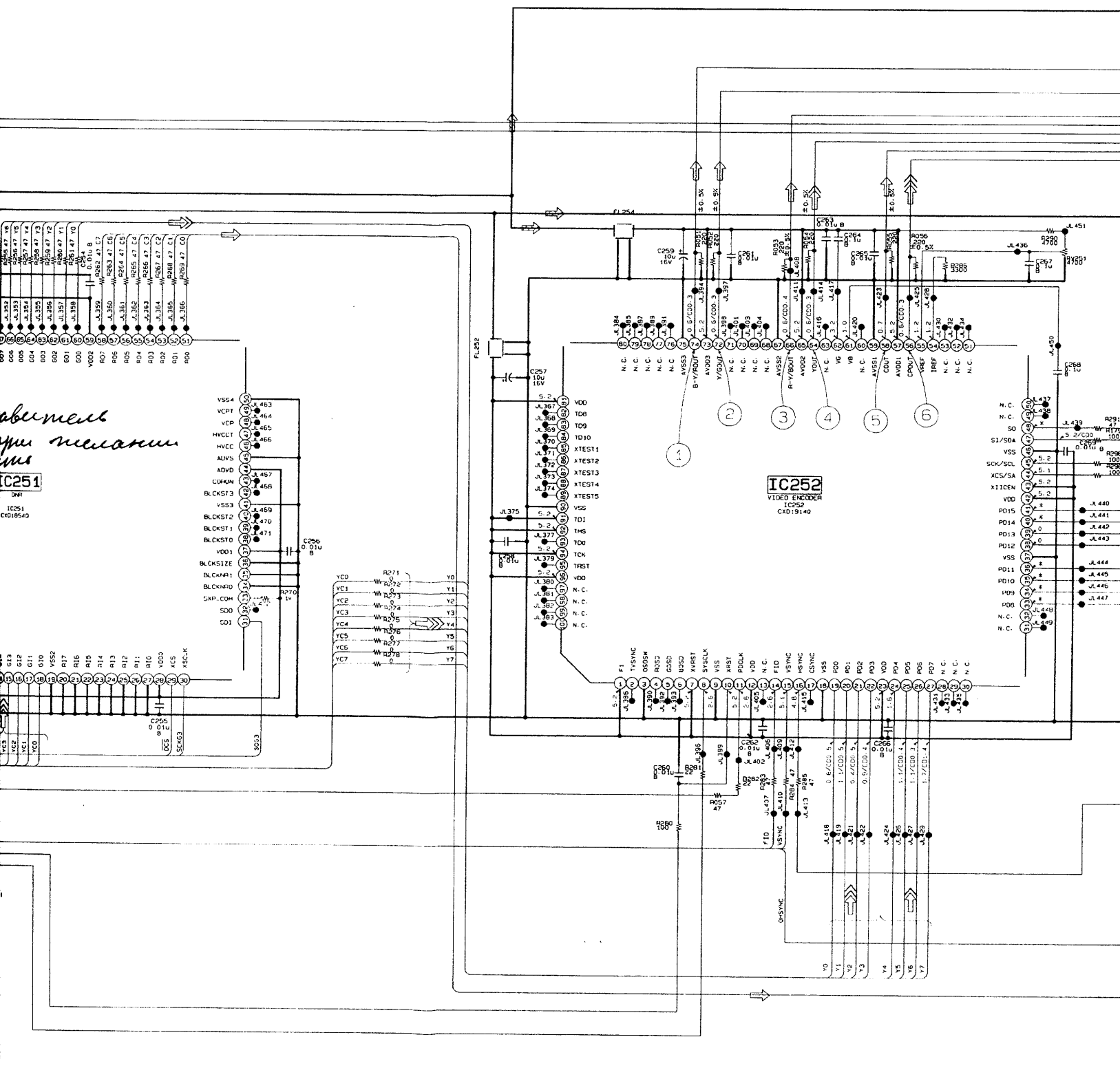

T101
D211 S2L20U
L211 10µH 2.6A
C211 330µF 35V
C212 47µF 35V
R211 10K
Q211 2SJ488 REG
P211 60V 750mA
C214 47µF 35V
C213 47µF 35V
R212 10K
C112 0.047µF 630V
D109 D1N60
C114 1µF 400V
C113 470pF 2KV
Q103 2SK2563 SWITCH
R152 0.22
L150 45
IC611 3.3V REG
P312 60V 750mA
D311 D3S4M
D611 D3S4M
L311 10µH 2.6A
IC611 PQ3RD13
R314 10K
Q311 2SA1679 5.2V REG
P311 60V 2.0A
R514 10K
R104 470K 1/2W
R105 470K 1/2W
C110 120µF 400V
Q101 2SK2563 SWITCH
R106 100K 1/2W
R120 100K 1/2W
C116 0.01µF 50V
R116 220 2W
R115 15K
C117 0.0033µF 50V
D102 18V 1W
D106 D1N60
Q102 2SC3377 SWITCH
D104 2.4V
R112 3.3K
R113 680
R110 3.3K
C115 0.033µF 50V
R311 82 1/2W
C512 47µF 35V
Q512 2SA933S -12 SWITCH
R312 1K
C311 330µF 35V
D212 24V 1W
C312 330µF 35V
C611 560µF 35V
C313 47µF 35V
D312 1SS270A
D313 2.7V
Q312 2SC1740S POWER CONTROL
R317 10K
C315 10µF 50V
C314 100µF 35V
R513 10K
C411 47µF 35V
R511 10K
C513 47µF 35V
R114 2.2K
D105 1SS270A
C511 1000µF 25V
C512 47µF 35V
R512 10K
Q511 2SK2229 -12V REG
P511 60V 750mA
D511 S2L20U
L511 10µH 2.6A
CN201
1 +5.2V
2 +5.2V
3 GND
4 +3.3V
5 GND
6 E+5V
7 GND
8 P-CONT
9 AU+12V
10 AU GND
11 AU -12V
12 -12V
13 GND
14 MTR +12V
15 MTR GND
MB-78 BOARD (5/8) CN001 (SEE PAGE 4-33)
MB-78 BOARD (5/8) CN002 (SEE PAGE 4-33)
CN202
1 E+12V
2 GND
3 E-12V
ER-2 BOARD CN501 (SEE PAGE 4-69)
CN101
CNPS01
AC IN
F101 250V 2A
C101 0.1µF 250V
R101 470K 1/2W
L101 18mH 0.5A
C102 0.1µF 250V
L102 18mH 0.5A
D101 S1NB60
C103 330pF 250V
C104 330pF 250V
C107 330pF 250V
C108 330pF 250V
PC101B TLP721F
PC101A TLP721F
R301 68
R303 1K
C301 1µF 50V
IC301 SHUNT REG
IC301 AN14311
R304 1.5K
R305 330
R306 1.5K

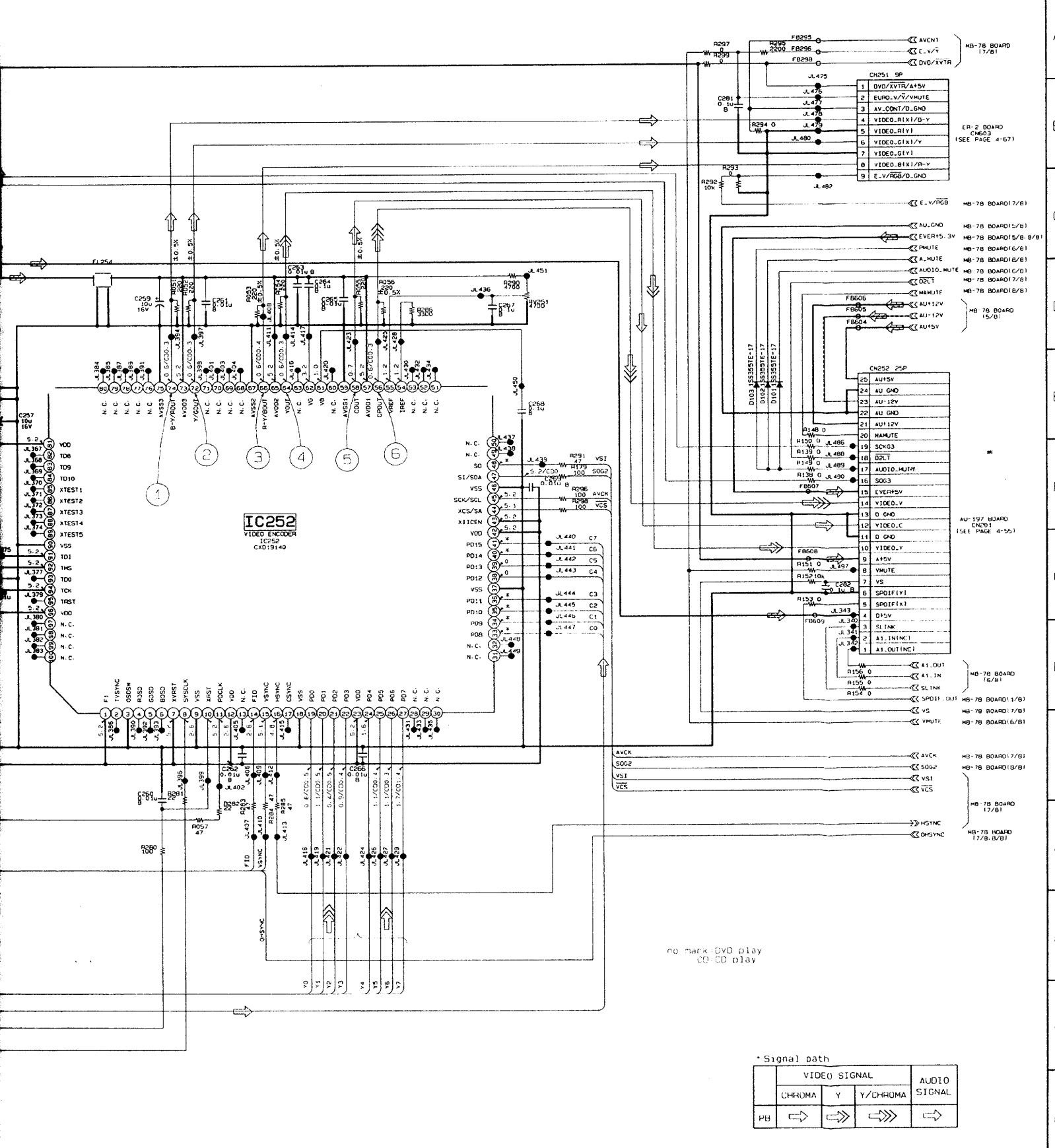

IC201 IC202
16M SDRAM
IC201 M88111716224-100FN
IC202 M88111716224-100FN
Panasonic
MB-78 BOARD (2/8)
MB-78 BOARD (7/8)
MB-78 BOARD (8/8)
MB-78 BOARD (1/8)
MB-78 BOARD (4/8, 8/8)
MB-78 BOARD (7/8)
MB-78 BOARD (2/8, 7/8)
MB-78 BOARD (5/8, 7/8)
MB-78 BOARD (1/8)
MB-78 BOARD (2/8, 7/8)
FL201
FL202
C201 100u 6.3V
C202 0.01u B
C203 0.01u B
C204 0.01u B
C205 0.01u B
C206 0.01u B
C207 0.01u B
C208 0.01u B
C209 0.01u B
C210 0.01u B
C211 0.01u B
C214 0.01u B
C240 100u 6.3V
JL251
R241 47
R242 47
R243 47
R244 47
R245 47
R246 47
R247 47
R248 47
R249 47
VCC
VSS
I/O0
I/O1
I/O2
I/O3
I/O4
I/O5
I/O6
I/O7
I/O8
I/O9
I/O10
I/O11
I/O12
I/O13
I/O14
I/O15
DQML
DQMU
CLK
CKE
WE
CAS
RAS
CS
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
N.C.
SDQM
SDCLK
AVA0
AVA1
AVA2
AVA3
AVA4
AVA5
AVA6
AVA7
AVA8
AVA9
AVA10
AVA11
AVI00
AVI01
AVI02
AVI03
AVI04
AVI05
AVI06
AVI07
AVI08
AVI09
AVI010
AVI011
AVI012
AVI013
AVI014
AVI015
SBA_0
SBA_1
SBA_2
SBA_3
SBA_4
SBA_5
SBA_6
SBA_7
SBA_8
SBA_9
SBA_10
SBA_11
SBD_0
SBD_1
SBD_2
SBD_3
SBD_4
SBD_5
SBD_6
SBD_7
SBD_8
SBD_9
SBD_10
SBD_11
SBD_12
SBD_13
SCLK
SWE_B
SCAS_B
SRAS_B
SCS_B
ACS1_B
PLLVDD
PLLVSS
LP2
VDD
N.C.
YC0
YC1
YC2
YC3
YC4
YC5
YC6
YC7
DCASD0
DCASD1
DCASD2
DCASD3
DCASD4
DCASD5
DCASD6
DCASD7
IA0
IA1
IA2
IA3
IA4
IA5
IA6
IA7
IA8
ID0
ID1
ID2
ID3
ID4
ID5
ID6
ID7
AVDRQ
AVCS
AVINT
IRD
IWR
MRST
CD_LRCK
CD_BCK
CD_DATA
SPDIF
GND
+3.3V
TOS
ERROR
AVALID
DCK
AREQ
AVWT
13.5M


IC205
BUS BUFFER
IC206
BUS BUFFER
IC203
AV DECODER
IC204
INVERTER
IC811
JC806
от CD блок
сигналы служебной информации
Выходы на цифровой шумоподавитель.
служебн. информ.
AV_DATA
AV_LRCK
AV_BCK
CD_DATA
CD_LRCK
CD_BCK
OHSYNC
VSYNC
IRQ
MAST
AVINT
AVDRQ
RESET
SYSCLK
CPDOUT
AVSS1
VCOIN
AVSS2
RESET
TEST
VSS
DOCKI
DOCKO
FH
EVEN
HSYNC
VSYNC
OISP

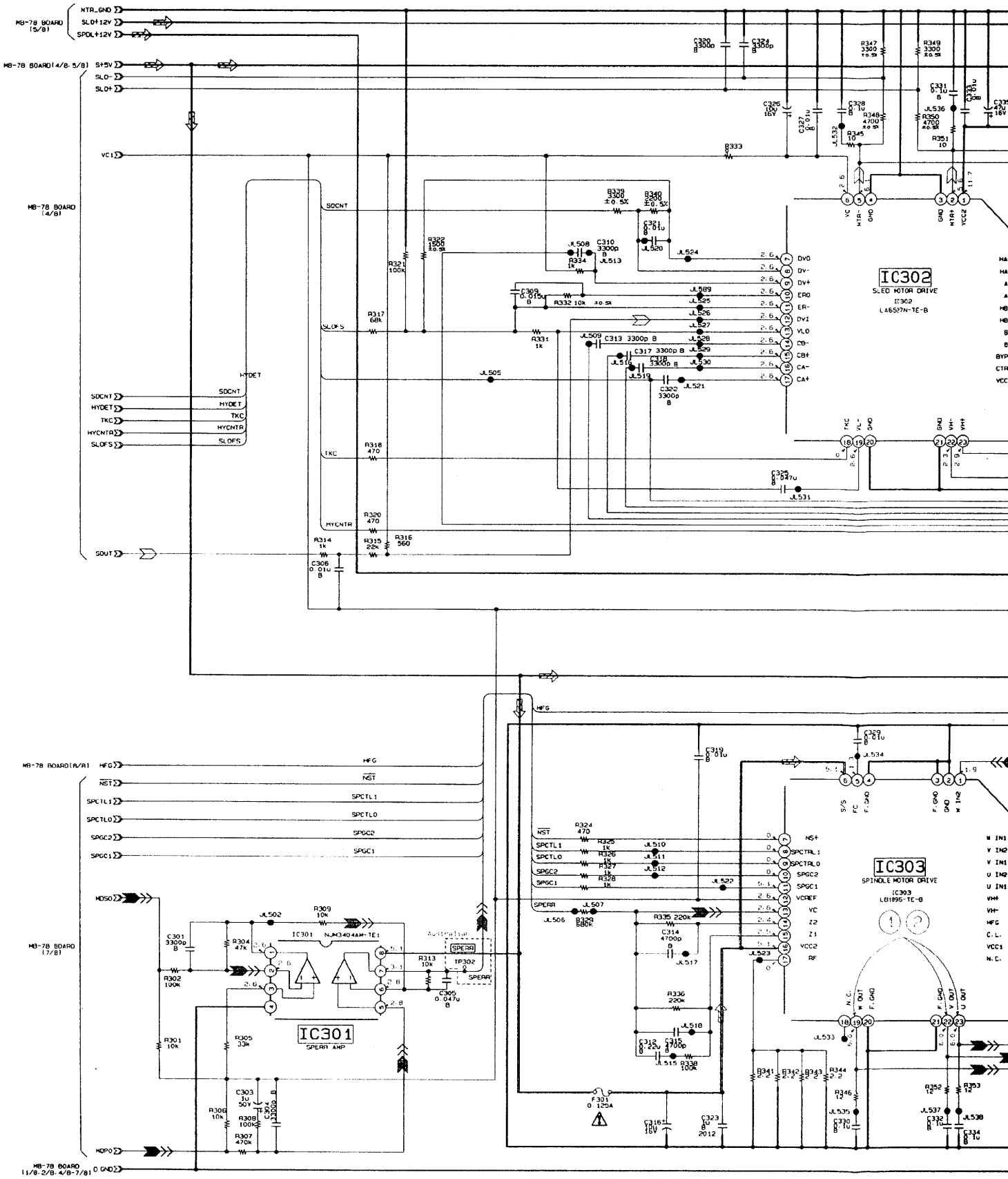

IC205
BUS BUFFER
IC206
BUS BUFFER
IC208
AND GATE
IC209
PLL
IC204
INVERTER
IC207
ON SCREEN DISPLAY
AV_DATA
AV_LRCK
AV_BCK
SPDIF_OUT
MB-78 BOARD (2/8)
DOUTCTL
MB-78 BOARD (7/8)
33M
DAC_RST
768FS
SCKG3
SOG3
MLT
27M_GA
27M_DNR
27M_DSP
384FS_2CH
27M_VE
MB-78 BOARD (5/8)
MB-78 BOARD (4/8, 8/8)
MB-78 BOARD (2/8, 8/8)
MB-78 BOARD (7/8)
MB-78 BOARD (2/8, 4/8, 8/8)
MB-78 BOARD (2/8, 7/8)
MB-78 BOARD (2/8)
MB-78 BOARD (4/8, 7/8)
CGCSO
SO
SCLKO
MB-78 BOARD (8/8)
FID
OHSYNC
VSYNC
MB-78 BOARD (2/8, 6/8, 8/8)
OSD_0
OSD_1
OSD_2
OSD_3
• Signal path
VIDEO SIGNAL
Y/CHROMA
PB
no mark:DVD play
CD:CD play

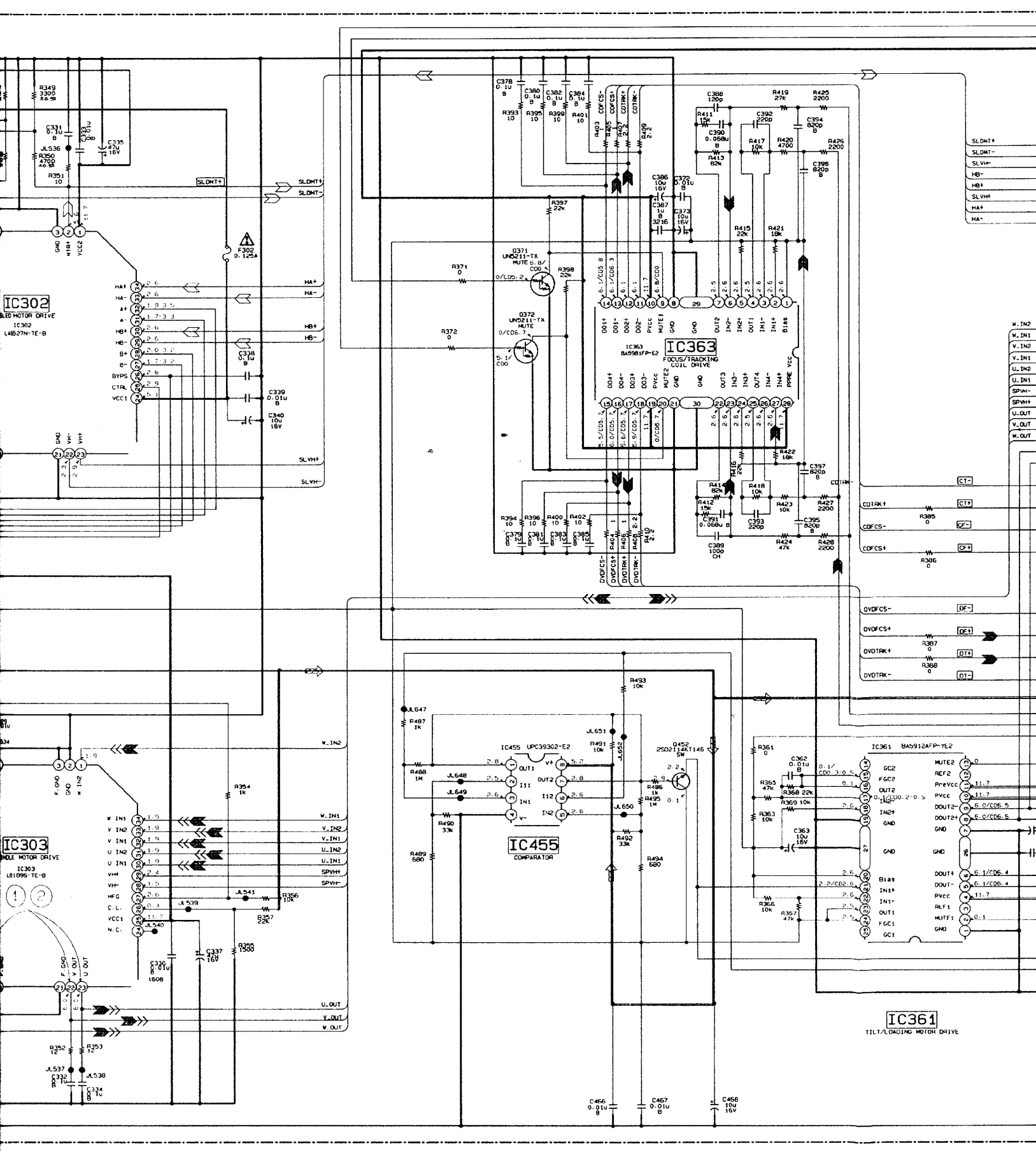

IC251
Шумоподавитель можно при желании исключить
MB-78 BOARD (5/8, 7/8) A+5V
MB-78 BOARD (1/8, 5/8) OP+5V
FL251
C252 10U 16V
C253 0.01U
R254 47 Y7
R255 47 Y6
R256 47 Y5
R257 47 Y4
R258 47 Y3
R259 47 Y2
R260 47 Y1
R261 47 Y0
C254 0.01U B
R262 47 C7
R263 47 C6
R264 47 C5
R265 47 C4
R266 47 C3
R267 47 C2
R268 47 C1
R269 47 C0
JL452 JL453 JL454 JL455 JL456 JL457 JL458 JL459 JL460 JL461 JL462
JL351 JL352 JL353 JL354 JL355 JL356 JL357 JL358 JL359 JL360 JL361 JL362 JL363 JL364 JL365 JL366
80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51
CBLNK0 VSYNC0 HSYNC0 VSS5 B07 B06 B05 B04 B03 B02 B01 B00 VDD3 G07 G06 G05 G04 G03 G02 G01 G00 VDD2 R07 R06 R05 R04 R03 R02 R01 R00
MB-78 BOARD (1/8, 4/8, 8/8) SCKG3
MB-78 BOARD (1/8, 8/8) SOG3
MB-78 BOARD (7/8) OCS
SCKG3
SOG3
OCS
MB-78 BOARD (1/8)
YC0 YC1 YC2 YC3 YC4 YC5 YC6 YC7
FID
MB-78 BOARD (1/8, 6/8, 8/8) VSYNC
VSYNC
OHSYNC
R252 1W
R251 100
C250 0.01U B
C251 0.01U B
JL473 JL474
CSYNCO
HAPGAIN0
HAPGAIN1
TEST
TEN
HAPBPF0
IFSEL1
HAPBPF1
NRON
LEVEL0
LEVEL1
FNR_UFRZ
XRST
VSS7
CSYNCI
CBLNKI
VSYNCI
HSYNCI
VDD5
DCLKI (13.5MHz)
JL463 JL464 JL465 JL466 JL457 JL468 JL469 JL470 JL471
VSS4 VCPT VCP HVCCT HVCC ADVS ADVD CUHON BLCKST3 VSS3 BLCKST2 BLCKST1 BLCKST0 VDD1 BLCKSIZE BLCKNA1 BLCKNA0 SXP_COM SDO SDI
C256 0.01U B
R270 1K
R243 22
R253 22
VSS0 B17 B16 B15 B14 B13 B12 B11 B10 (27MHz) VSS1 G17 G16 G15 G14 G13 G12 G11 G10 VSS2 R17 R16 R15 R14 R13 R12 R11 R10 VDD0 XCS XSCLK
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
C265 0.01U B
MB-78 BOARD (1/8, 3/8-7/8) D.GND
MB-78 BOARD (1/8, 7/8) 27M_DNR
MB-78 BOARD (1/8, 7/8) 13.5M
MB-78 BOARD (1/8, 6/8) NRST
MB-78 BOARD (1/8) 27M_VE
CN101 25P
384FS-2CH 1
D.GND 2
DAC_ADATA 3
DAC_LRCK 4
DAC_BCK 5
D.GND 6
384FS_DAC 7
NRST 8
SCKG4 9
D+5VIN.C1 10
SOG4 11
D.GND 12
DOLT1 13
DOLT2 14
DOLT3 15
GAING 16
DO_BCK 17
D.GND 18
DO_LRCK 19
D.GND 20
DO_DATAF 21
D.GND 22
DO_DATAR 23
D.GND 24
DO_DATAC 25
JL234 JL237 JL236 JL235 JL232 JL231 JL230 JL229 JL228 JL226 JL225 JL224 JL223 JL222 JL220
R173 0
R172 0
R171 0
R170 0
R169 0
R168 0
R167 0
F8011
R166 0
R165 0
R164 0
R163 0
R162 0
R161 0
R160 0
R159 0
R158 0
R157 0
R144 0
R145 0
R146 0
384FS_2CH MB-78 BOARD (1/8)
AV_DATA
AV_LRCK
AV_BCK
MB-78 BOARD (1/8)
384FS_DAC N.C
SCKG4
SOG4
DOLT1
DOLT2
DOLT3
GAING
DO_BCK
DO_LRCK
DO_DATAF N.C
DO_DATAR
DO_DATAC
MB-78 BOARD (7/8)
AV-197 BOARD CN203 (SEE PAGE 4-55)
05

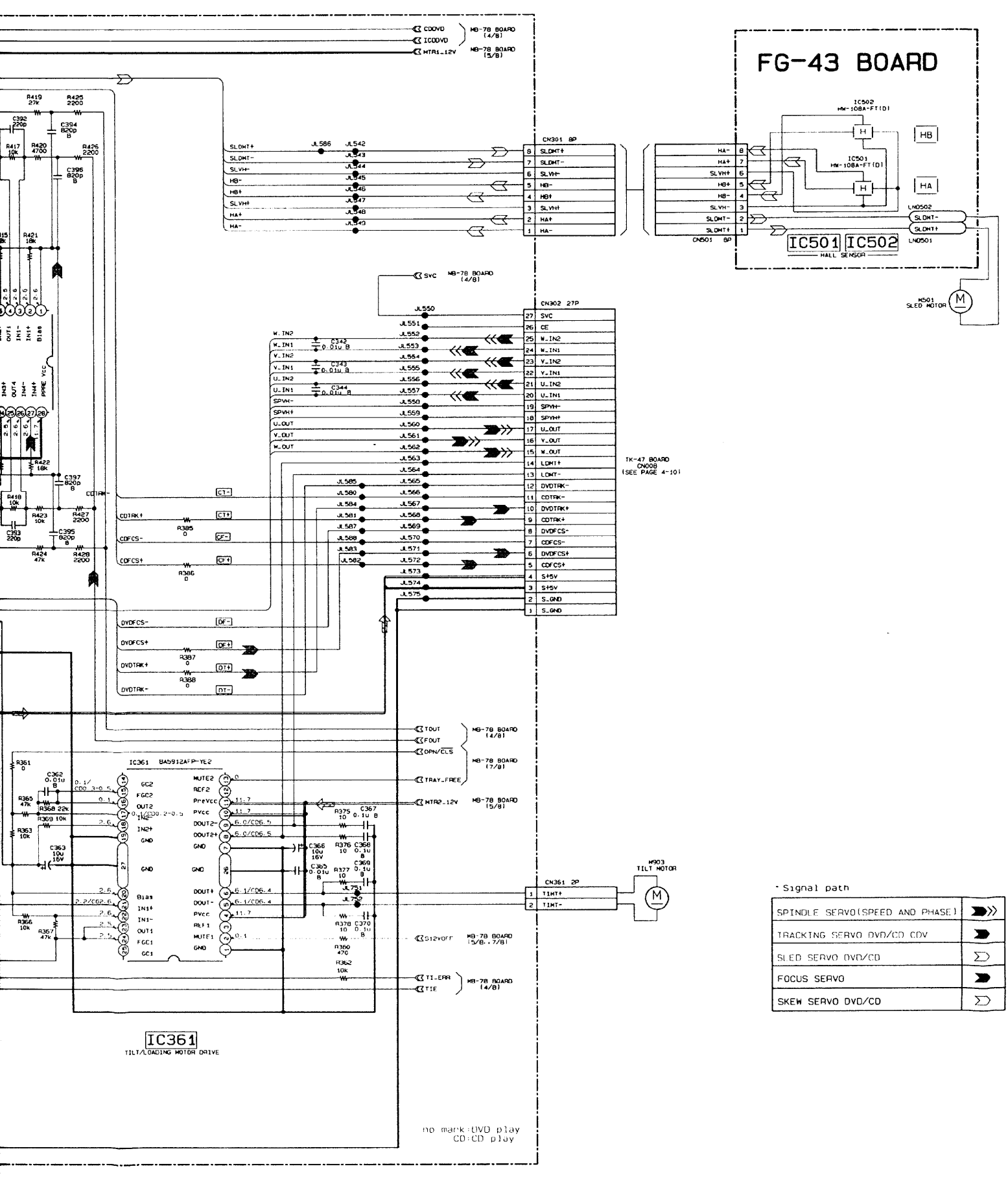

IC252
VIDEO ENCODER
IC252
CXD1914Q
IC251
DNR
IC251
CXD1854Q

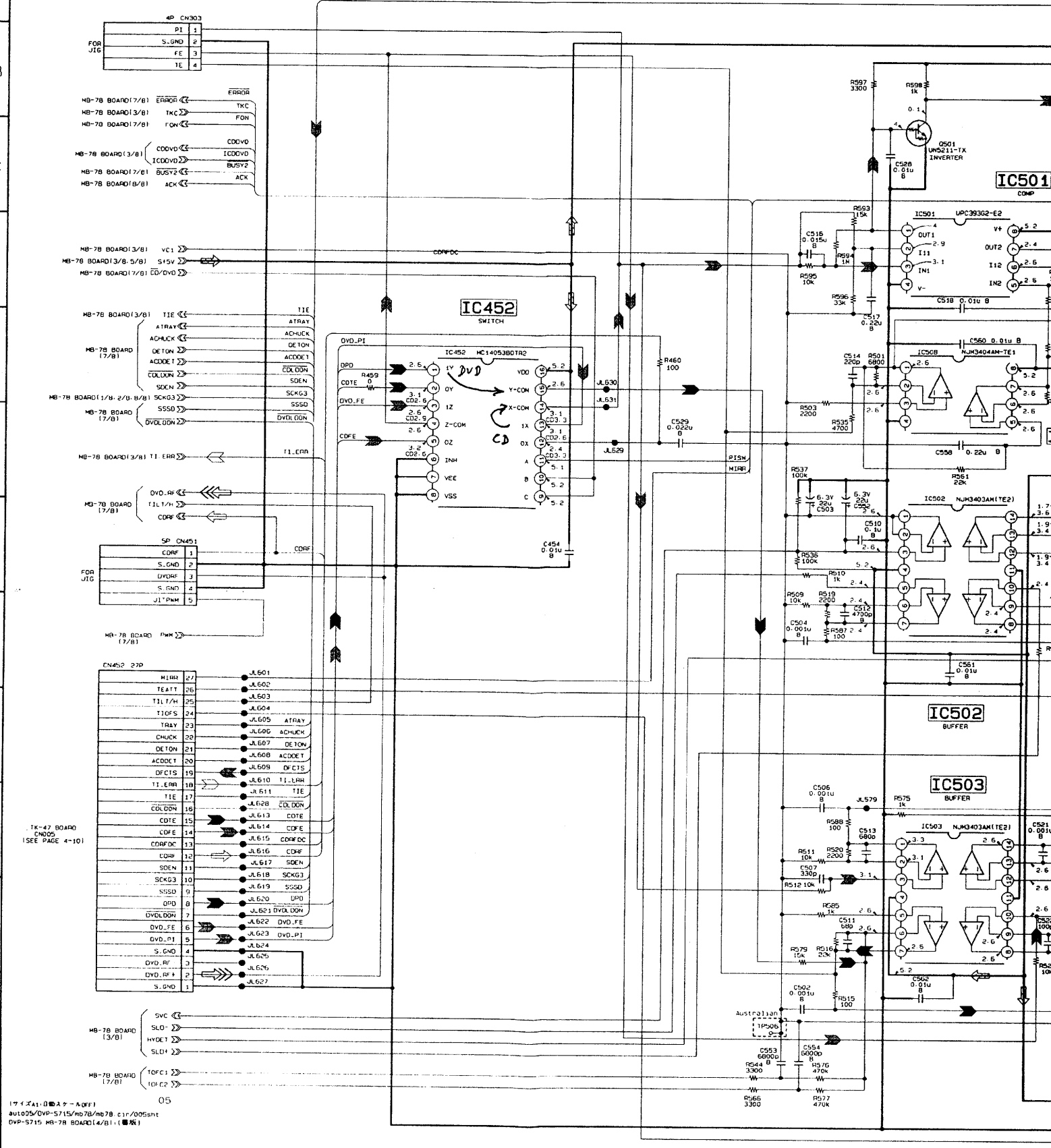

IC252
VIDEO ENCODER
IC252
CXD1914Q
CN251 9P
CN252 25P
ER-2 BOARD
CN603
(SEE PAGE 4-67)
AU-197 BOARD
CN701
(SEE PAGE 4-55)
MB-78 BOARD
17/81
MB-78 BOARD
15/81
MB-78 BOARD
16/81
MB-78 BOARD
17/8.8/81
no mark : DVD play
CD : CD play
* Signal path
VIDEO SIGNAL
AUDIO SIGNAL
CHROMA
Y
Y/CHROMA
PB

MB-78 BOARD(3/8)

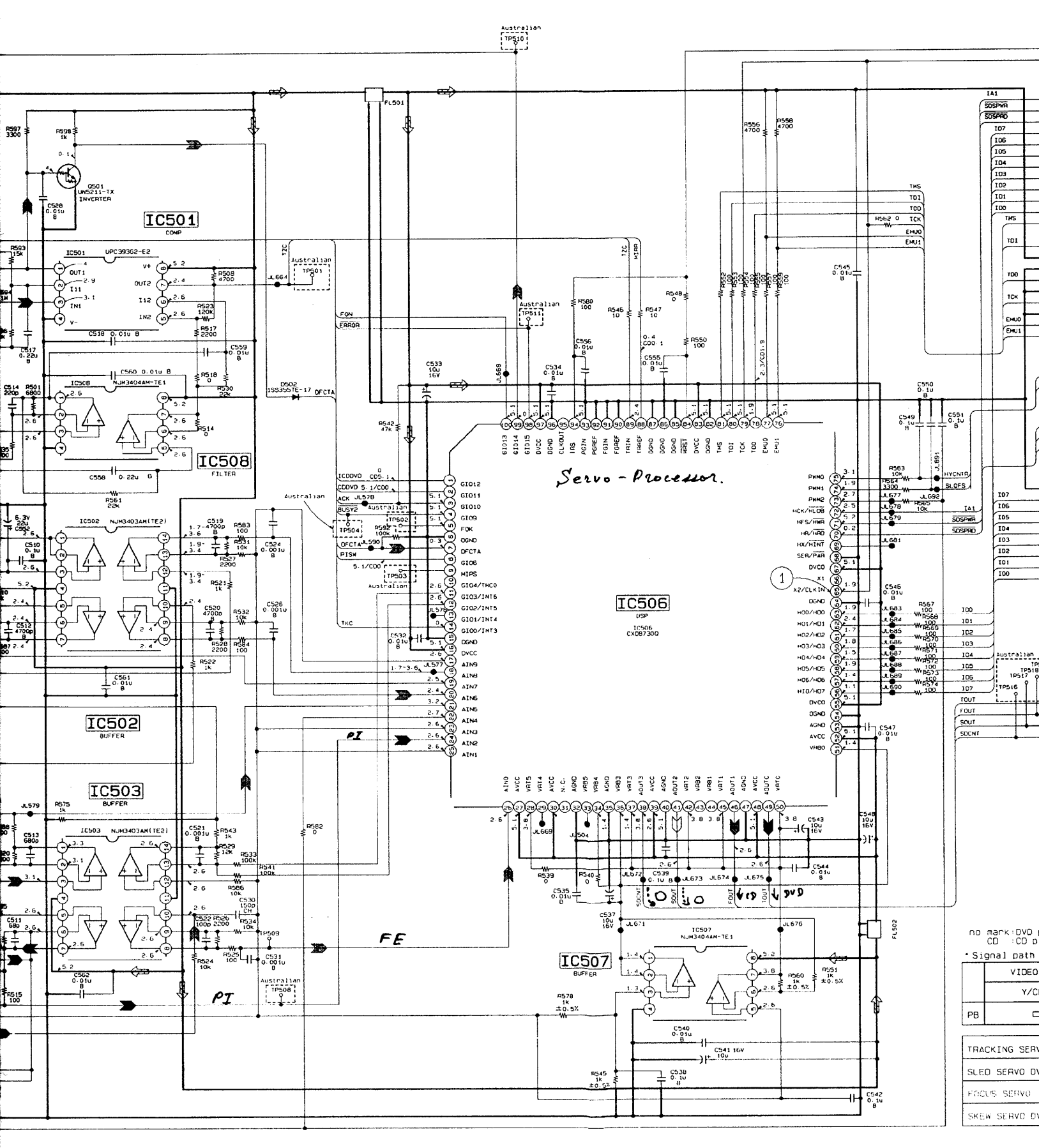


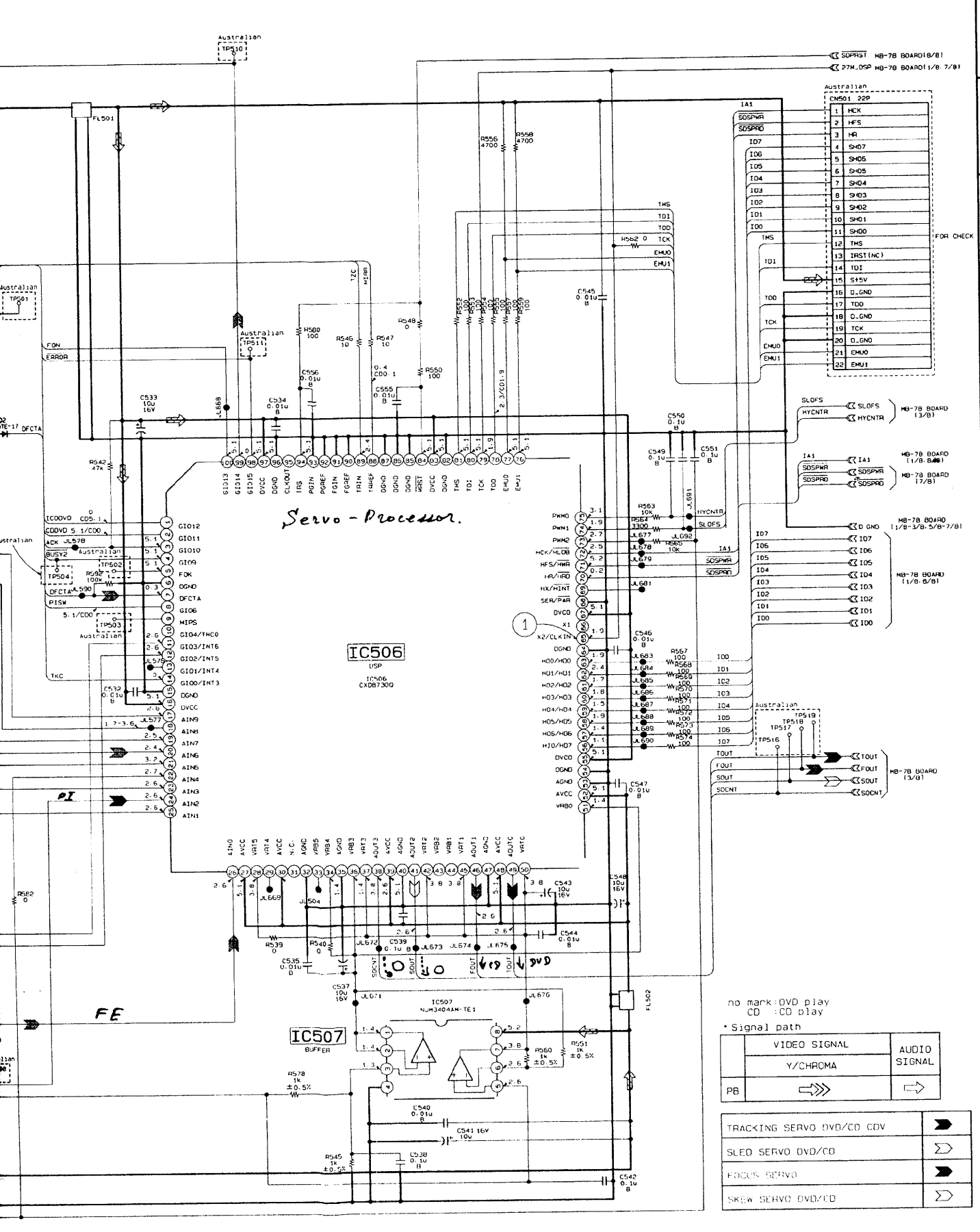

IC302
SLED MOTOR DRIVE
IC303
SPINDLE MOTOR DRIVE
IC363
FOCUS/TRACKING COIL DRIVE
IC455
COMPARATOR
IC361
TILT/LOADING MOTOR DRIVE
SLDMT+
SLDMT-
SLVH+
SLVH-
HA+
HA-
HB+
HB-
W_IN2
W_IN1
V_IN2
V_IN1
U_IN2
U_IN1
SPVH+
SPVH-
U_OUT
V_OUT
W_OUT
CT+
CT-
CF+
CF-
DF+
DF-
DT+
DT-


FG-43 BOARD
IC502
HW-108A-FT(D)
IC501
HW-108A-FT(D)
HB
HA
IC501 IC502
HALL SENSOR
CN301 8P
CN501 8P
LN0502
LN0501
M501
SLED MOTOR
CN302 27P
TK-47 BOARD
CN008
(SEE PAGE 4-10)
IC361 BA5912AFP-YE2
IC361
TILT/LOADING MOTOR DRIVE
CN361 2P
M903
TILT MOTOR
MB-78 BOARD (4/8)
MB-78 BOARD (5/8)
MB-78 BOARD (7/8)
no mark:DVD play
CD:CD play
Signal path
SPINDLE SERVO(SPEED AND PHASE)
TRACKING SERVO DVD/CD CDV
SLED SERVO DVD/CD
FOCUS SERVO
SKEW SERVO DVD/CD



(サイズA1・0倍スケールOFF)
auto05/DVP-S715/mb78/mb78.cir/005sht
DVP-S715 MB-78 BOARD(4/8)(■版)


IC501
COMP
IC508
FILTER
IC502
BUFFER
IC503
BUFFER
IC506
DSP
IC506
CXD8730Q
IC507
BUFFER
Servo-Processor.
PI
FE
PI
Australian
TP510
FL501
Q501
UN5211-TX
INVERTER
IC501 VPC3936-E2
IC508 NJM3404AM-TE1
IC502 NJM3403AM(TE2)
IC503 NJM3403AM(TE2)
IC507 NJM3404AM-TE1
D502
1SS355TE-17
DFCTA
FON
ERROR
I2C
SDSPWR
SDSPRD
TMS
TDI
TDO
TCK
EMU0
EMU1
HYCNTR
SLOFS
FOUT
SOUT
SDCNT
TKC
PISW
DFCTA
MIPS
GIO12
GIO11
GIO10
GIO9
FOK
DGND
DFCTA
GIO6
MIPS
GIO4/THC0
GIO3/INT6
GIO2/INT5
GIO1/INT4
GIO0/INT3
DGND
DVCC
AIN9
AIN8
AIN7
AIN6
AIN5
AIN4
AIN3
AIN2
AIN1
PWM0
PWM1
PWM2
HCK/HLOB
HFS/HWR
HR/HRD
HX/HINT
SER/PAR
DVCO
X1
X2/CLKIN
DGND
HD0/HD0
HD1/HD1
HD2/HD2
HD3/HD3
HD4/HD4
HD5/HD5
HD6/HD6
HI0/HI7
DVCO
DGND
AGND
AVCC
VHBO
IOUT
FOUT
SOUT
SDCNT
no mark : DVD
CD : CD
• Signal path
VIDEO
Y/C
PB
TRACKING SERV
SLED SERVO DV
FOCUS SERVO
SKEW SERVO DV

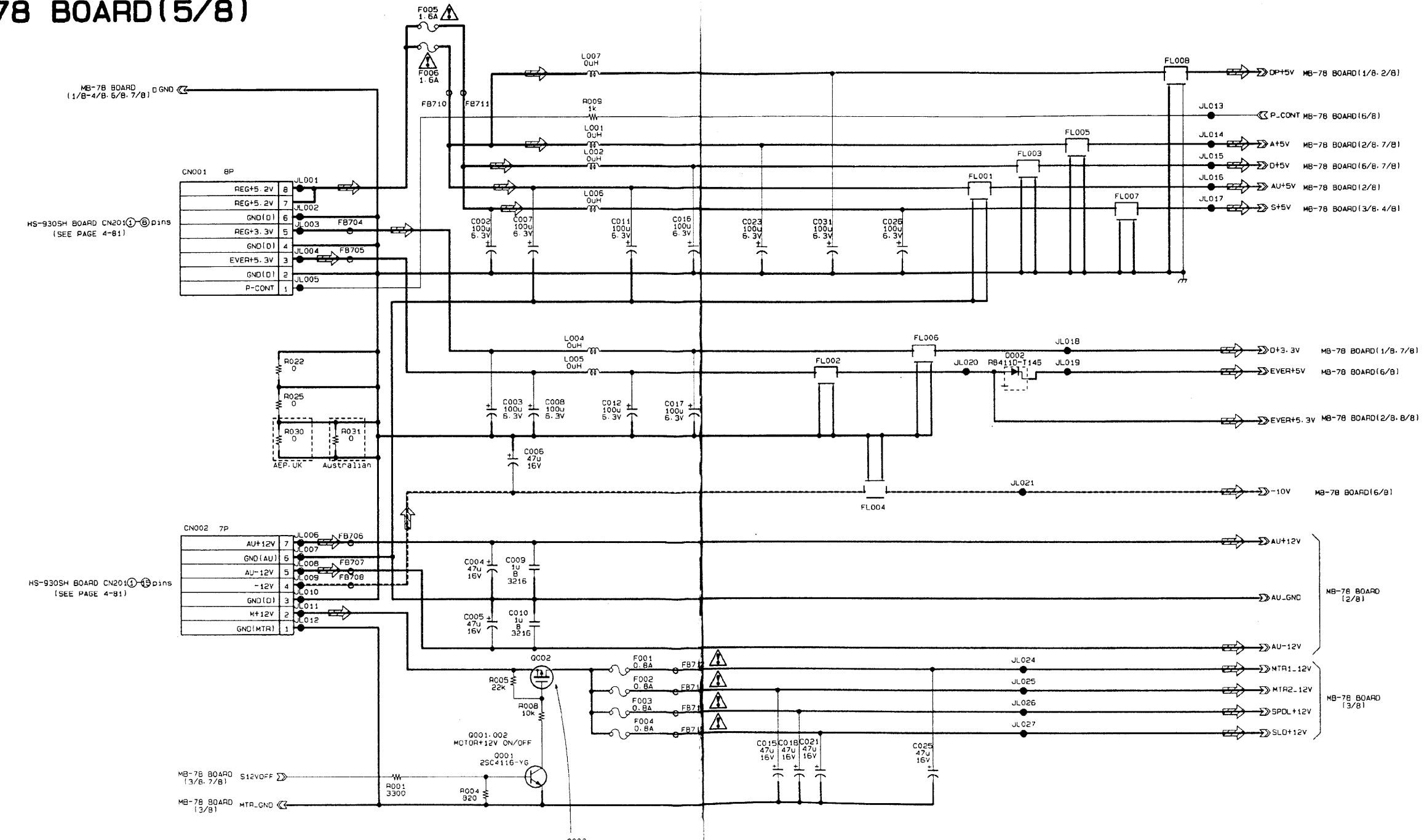


S'LOF. (14 pin)

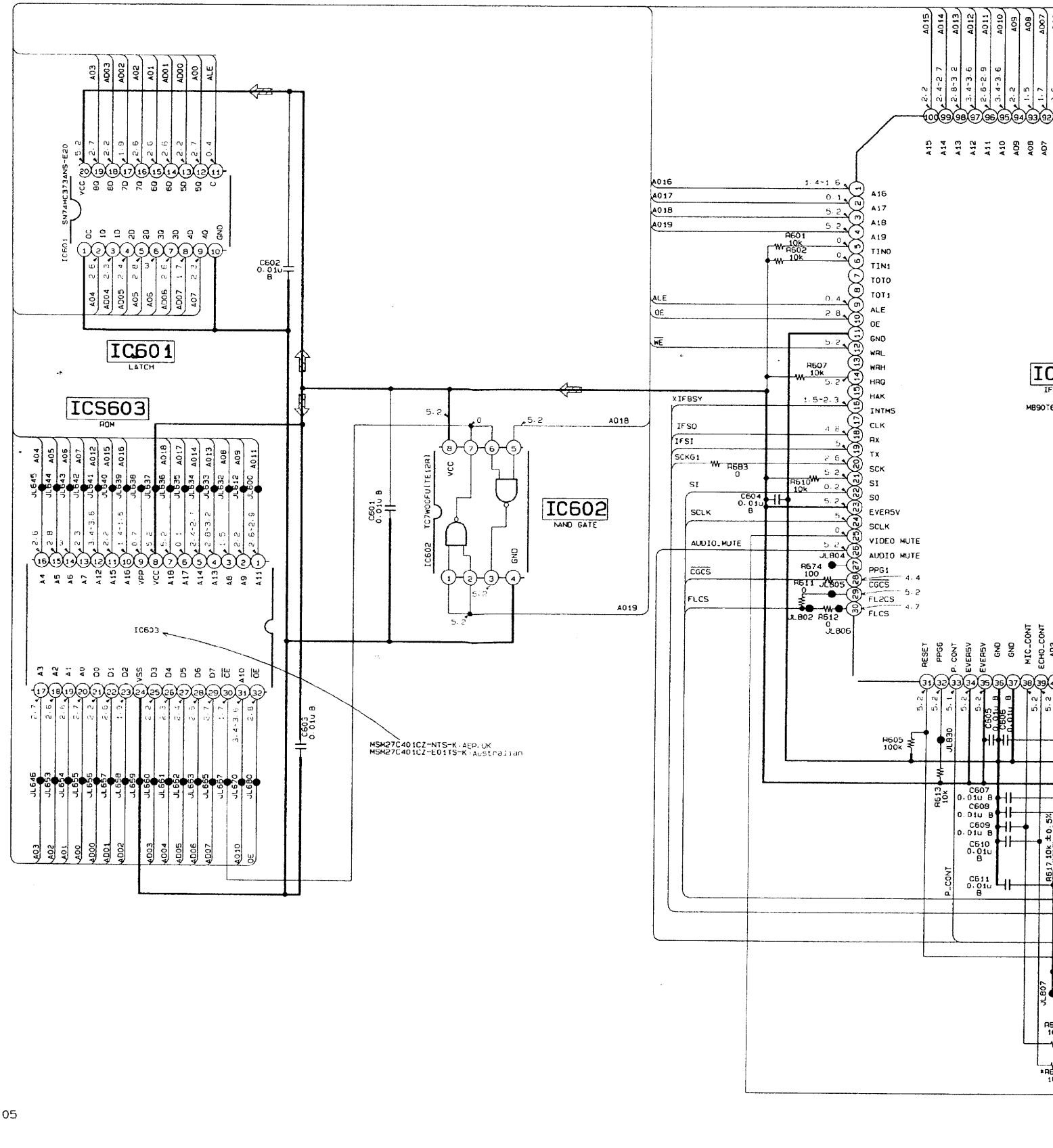
S'OUT 4 pin

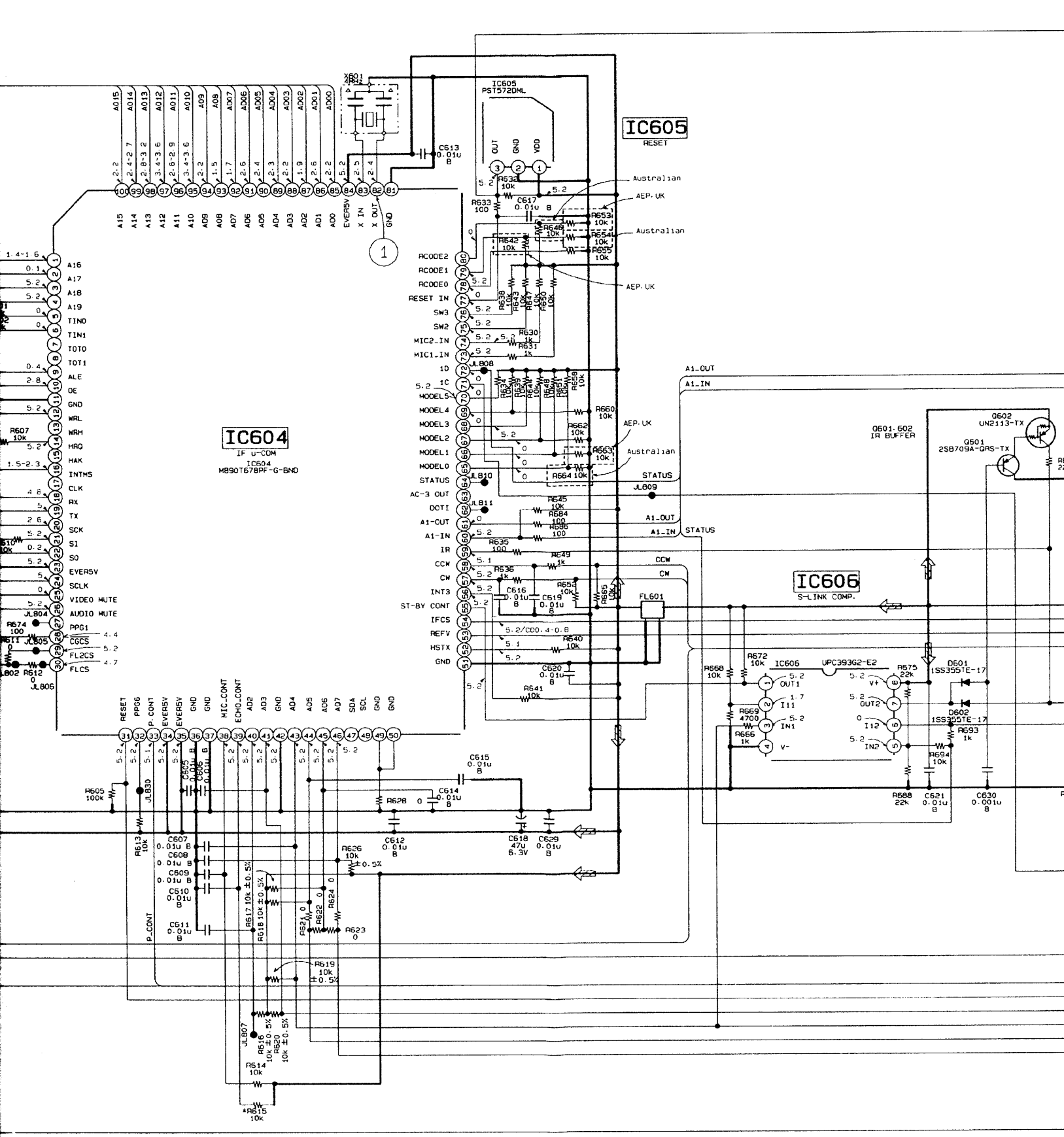
S'D CNT 38 pin.

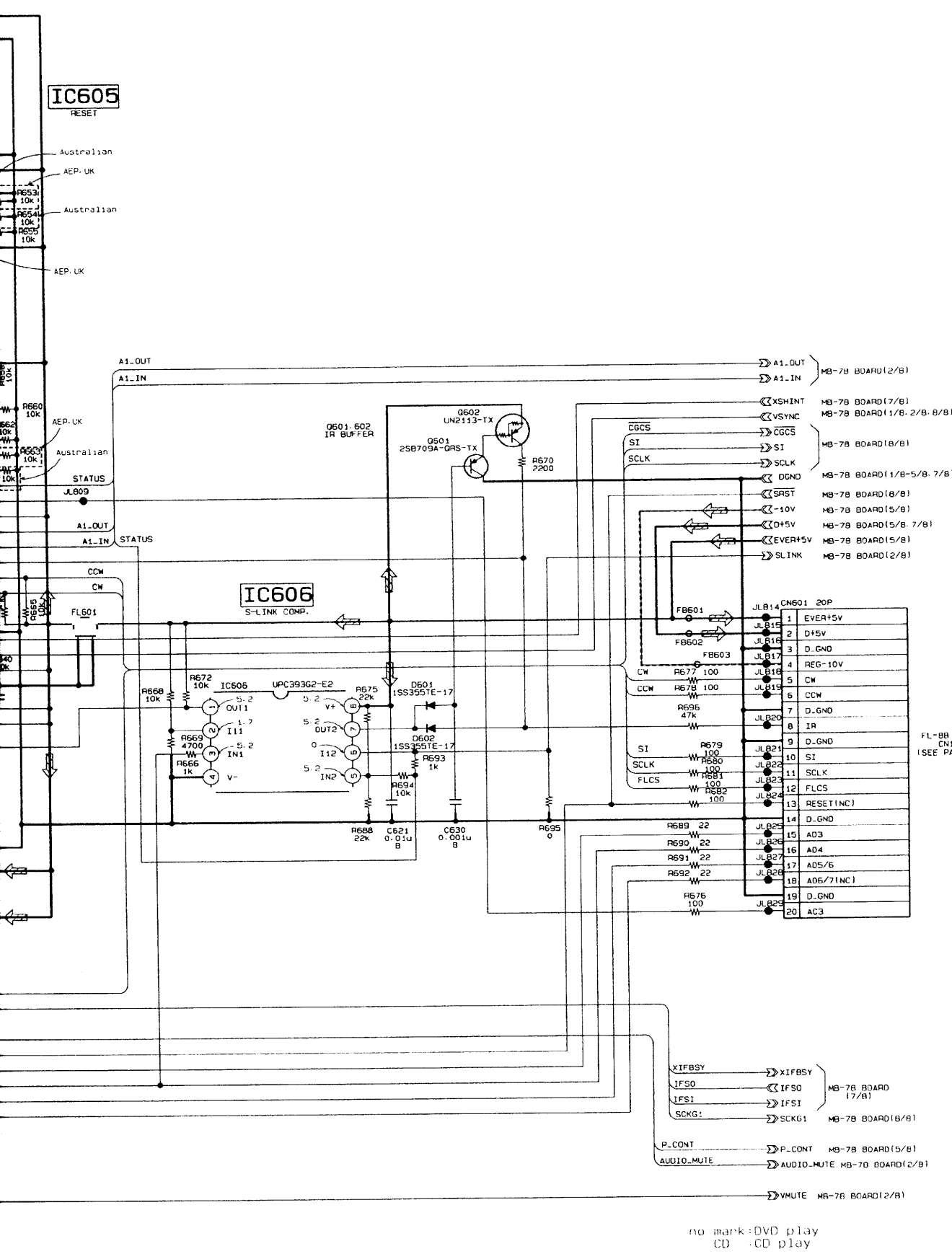
78 BOARD(5/8)


F005 1.6A
F006 1.6A
MB-78 BOARD (1/8-4/8.6/8.7/8) D GND
FB710
FB711
L007 0uH
R009 1k
L001 0uH
L002 0uH
L006 0uH
FL008
FL005
FL003
FL001
FL007
JL013
JL014
JL015
JL016
JL017
DP+5V MB-78 BOARD(1/8.2/8)
P_CONT MB-78 BOARD(6/8)
A+5V MB-78 BOARD(2/8.7/8)
D+5V MB-78 BOARD(6/8.7/8)
AU+5V MB-78 BOARD(2/8)
S+5V MB-78 BOARD(3/8.4/8)
CN001 8P
REG+5.2V 8
REG+5.2V 7
GND(D) 6
REG+3.3V 5
GND(D) 4
EVER+5.3V 3
GND(D) 2
P-CONT 1
JL001
JL002
JL003
JL004
JL005
FB704
FB705
HS-930SH BOARD CN201 1-8 pins (SEE PAGE 4-81)
C002 100u 6.3V
C007 100u 6.3V
C011 100u 6.3V
C016 100u 6.3V
C023 100u 6.3V
C031 100u 6.3V
C026 100u 6.3V
L004 0uH
L005 0uH
FL006
FL002
JL018
JL020
D002 RB411D-T145
JL019
D+3.3V MB-78 BOARD(1/8.7/8)
EVER+5V MB-78 BOARD(6/8)
EVER+5.3V MB-78 BOARD(2/8.8/8)
R022 0
R025 0
R030 0
R031 0
AEP.UK
Australian
C003 100u 6.3V
C008 100u 6.3V
C012 100u 6.3V
C017 100u 6.3V
C006 47u 16V
FL004
JL021
-10V MB-78 BOARD(6/8)
CN002 7P
AU+12V 7
GND(AU) 6
AU-12V 5
-12V 4
GND(D) 3
M+12V 2
GND(MTR) 1
JL006
JL007
JL008
JL009
JL010
JL011
JL012
FB706
FB707
FB708
HS-930SH BOARD CN201 9-15 pins (SEE PAGE 4-81)
C004 47u 16V
C009 1u B 3216
C005 47u 16V
C010 1u B 3216
AU+12V
AU_GND
AU-12V
MB-78 BOARD (2/8)
Q002
R005 22k
R008 10k
F001 0.8A
F002 0.8A
F003 0.8A
F004 0.8A
FB712
FB713
FB714
FB715
JL024
JL025
JL026
JL027
MTR1_12V
MTR2_12V
SPDL+12V
SLD+12V
MB-78 BOARD (3/8)
C015 47u 16V
C018 47u 16V
C021 47u 16V
C025 47u 16V
Q001.002 MOTOR+12V ON/OFF
Q001 2SC4116-YG
MB-78 BOARD (3/8.7/8) S12VOFF
MB-78 BOARD (3/8) MTR_GND
R001 3300
R004 820

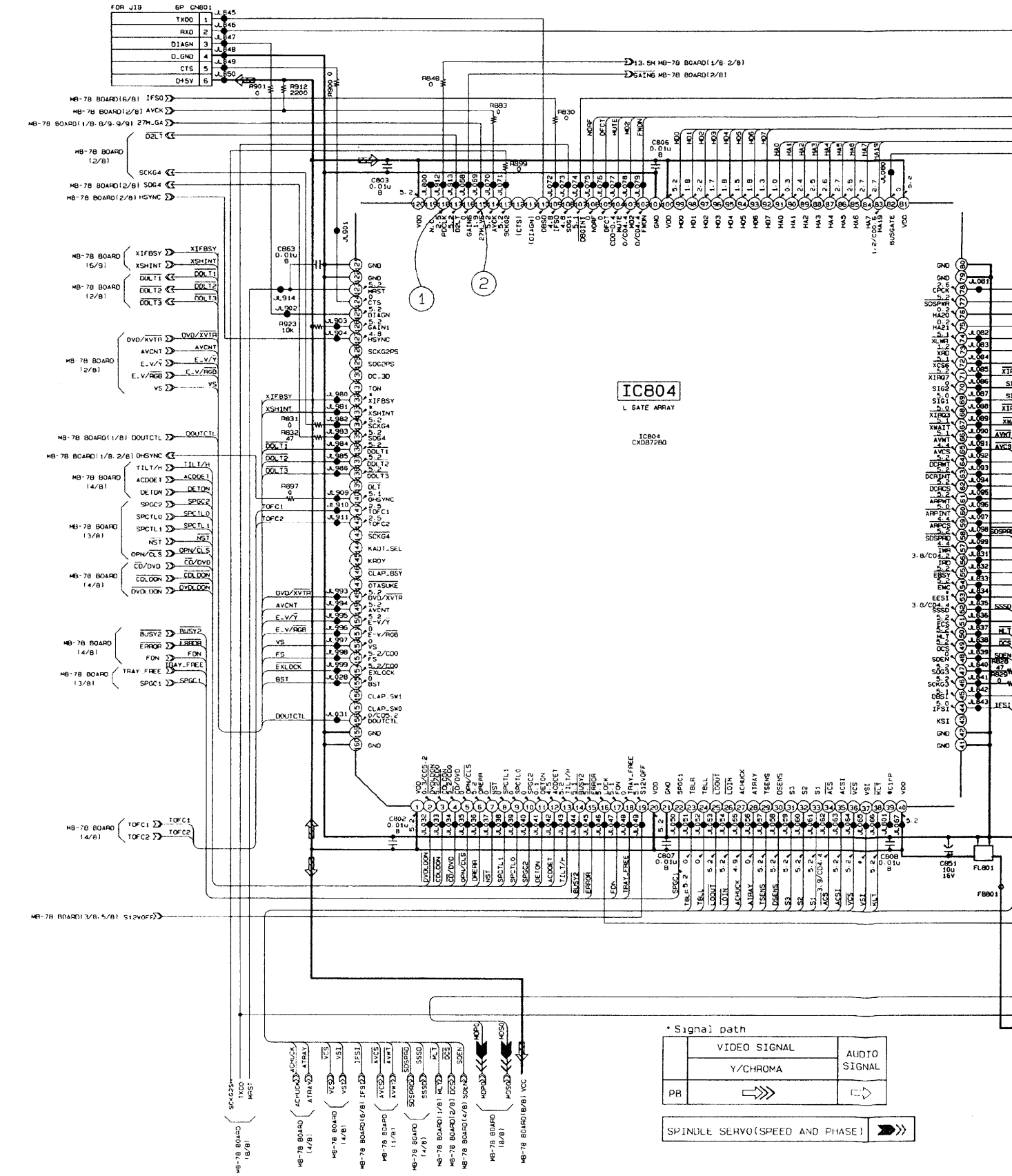
MB 76 BOARD(6/8)

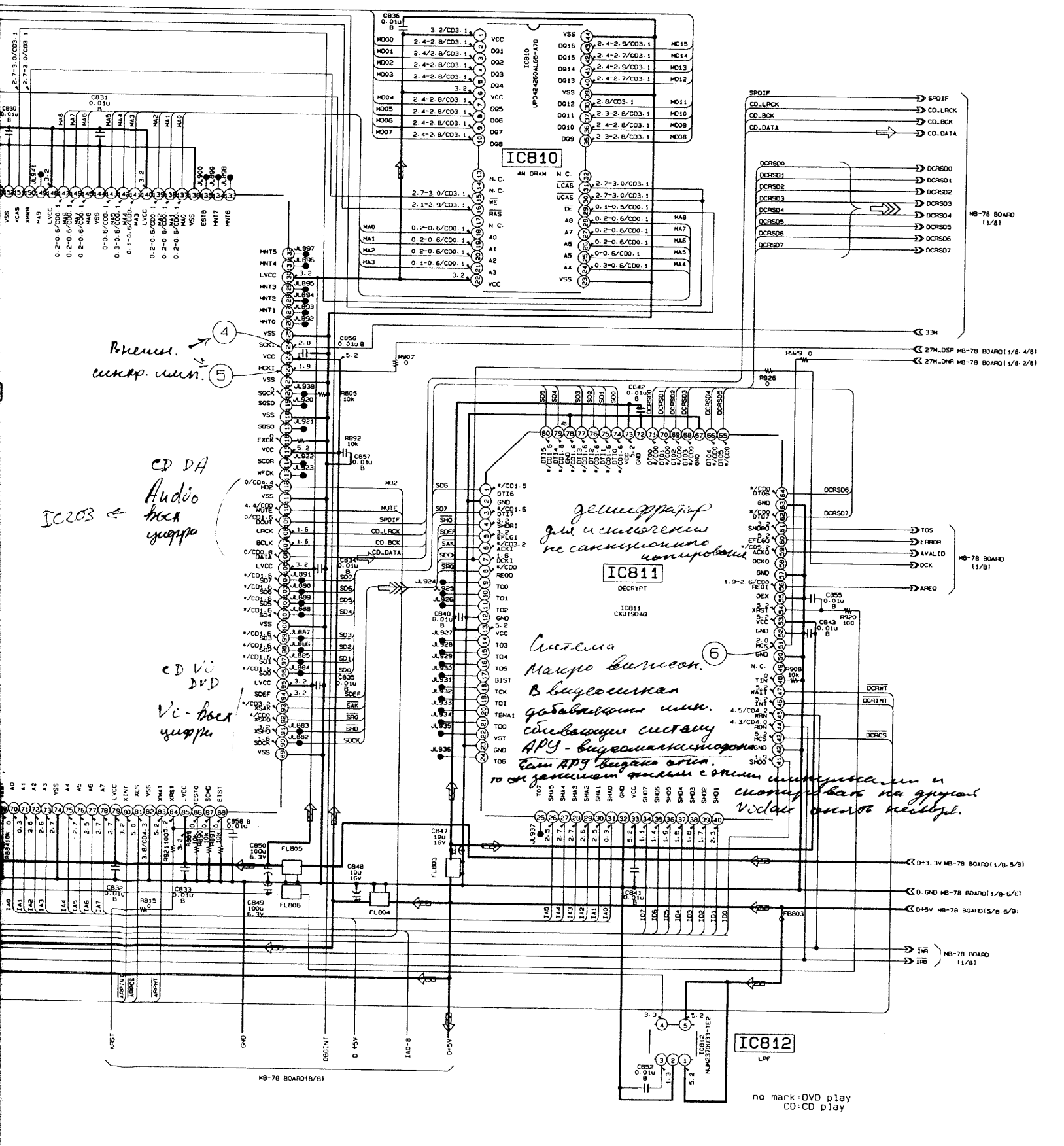



IC605
RESET
IC605
PST572DNL
OUT
GND
VDD
IC604
IF u-COM
IC604
M890T678PF-G-GND
IC606
S-LINK COMP.
IC606
UPC393G2-E2
Australian
AEP. UK
Australian
AEP. UK
Australian
STATUS
STATUS
A1_OUT
A1_IN
A1_OUT
A1_IN
CCW
CW
Q601.602
IR BUFFER
Q602
UN2113-TX
Q501
2SB709A-QRS-TX
D601
1SS355TE-17
D602
1SS355TE-17
FL601
X801
4MHz
A15
A14
A13
A12
A11
A10
A09
A08
A07
A06
A05
A04
A03
A02
A01
A00
EVER5V
X IN
X OUT
GND
RCODE2
RCODE1
RCODE0
RESET IN
SW3
SW2
MIC2_IN
MIC1_IN
1D
1C
MODEL5
MODEL4
MODEL3
MODEL2
MODEL1
MODEL0
STATUS
AC-3 OUT
DCTI
A1-OUT
A1-IN
IR
CCW
CW
INT3
ST-BY CONT
IFCS
REFV
HSTX
GND
A16
A17
A18
A19
TIN0
TIN1
TOT0
TOT1
ALE
OE
GND
WRL
WRH
HRQ
HAK
INTMS
CLK
RX
TX
SCK
SI
SO
EVER5V
SCLK
VIDEO MUTE
AUDIO MUTE
PPG1
CSCS
FL2CS
FLCS
RESET
PPG6
P.CONT
EVER5V
EVER5V
GND
GND
MIC_CONT
ECHO_CONT
AD2
AD3
GND
AD4
AD5
AD6
AD7
SDA
SCL
GND
GND
P_CONT
OUT1
I11
IN1
V-
OUT2
I12
IN2
V+
C513 0.01u B
C617 0.01u B
C615 0.01u B
C614 0.01u B
C612 0.01u B
C618 47u 6.3V
C629 0.01u B
C620 0.01u B
C616 0.01u B
C619 0.01u B
C607 0.01u B
C608 0.01u B
C609 0.01u B
C610 0.01u B
C611 0.01u B
C621 0.01u B
C630 0.001u B
R633 100
R634 10k
R648 10k
R642 10k
R653 10k
R654 10k
R655 10k
R638 10k
R643 10k
R647 10k
R650 10k
R630 1k
R631 1k
R660 10k
R662 10k
R663 10k
R664 10k
R645 10k
R684 100
R686 100
R635 100
R649 1k
R636 1k
R651 10k
R665 10k
R640 10k
R641 10k
R628 0
R626 10k ±0.5%
R617 10k ±0.5%
R618 10k ±0.5%
R624 0
R622 0
R623 0
R619 10k ±0.5%
R616 10k ±0.5%
R620 10k ±0.5%
R614 10k
*R615 10k
R605 100k
R613 10k
R607 10k
R610 10k
R674 100
R611 0
R612 0
R672 10k
R668 10k
R669 4700
R666 1k
R675 22k
R693 1k
R694 10k
R688 22k
JL808
JL810
JL809
JL811
JL804
JL805
JL802
JL806
JL830
JL807

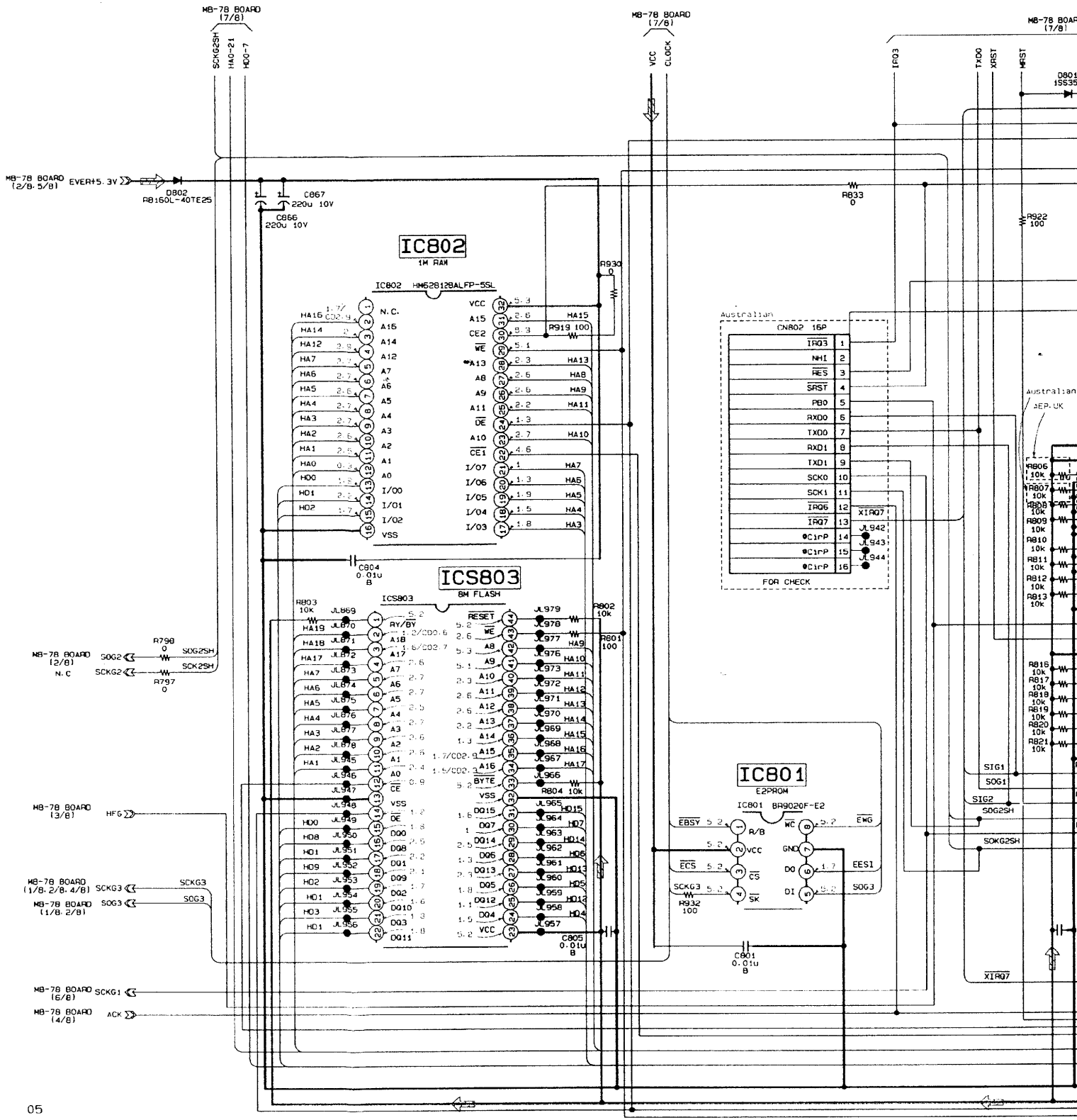

IC605
RESET
Australian
AEP. UK
R653 10k
R654 10k
R655 10k
AEP. UK
A1_OUT
A1_IN
R660 10k
AEP. UK
R663 10k
Australian
STATUS
JL609
A1_OUT
A1_IN
STATUS
CCW
CW
FL601
R665 10k
IC606
S-LINK CONP.
Q602 UN2113-TX
Q601 2SB709A-QRS-TX
Q601.602 IR BUFFER
R670 220Ω
R668 10k
R672 10k
IC606
UPC393G2-E2
OUT1
I11
IN1
V-
OUT2
I12
IN2
V+
R675 22k
D601 1SS355TE-17
D602 1SS355TE-17
R669 4700
R666 1k
R693 1k
R694 10k
R688 22k
C621 0.01u B
C630 0.001u B
R695 0
A1_OUT
A1_IN
XSHINT
VSYNC
CGCS
SI
SCLK
DGND
SRST
-10V
D+5V
EVER+5V
SLINK
MB-78 BOARD(2/8)
MB-78 BOARD(7/8)
MB-78 BOARD(1/8.2/8.8/8)
MB-78 BOARD(8/8)
MB-78 BOARD(1/8-5/8.7/8)
MB-78 BOARD(8/8)
MB-78 BOARD(5/8)
MB-78 BOARD(5/8.7/8)
MB-78 BOARD(5/8)
MB-78 BOARD(2/8)
CN601 20P
FB601
FB602
FB603
CW
CCW
R677 100
R678 100
R696 47k
SI
SCLK
FLCS
R679 100
R680 100
R681 100
R682 100
R689 22
R690 22
R691 22
R692 22
R676 100
JL814
JL815
JL816
JL817
JL818
JL819
JL820
JL821
JL822
JL823
JL824
JL825
JL826
JL827
JL828
JL829
1 EVER+5V
2 D+5V
3 D_GND
4 REG-10V
5 CW
6 CCW
7 D_GND
8 IR
9 D_GND
10 SI
11 SCLK
12 FLCS
13 RESET(NC)
14 D_GND
15 AD3
16 AD4
17 AD5/6
18 AD6/7(NC)
19 D_GND
20 AC3
FL-88 CN
(SEE PA
XIFBSY
IFSO
IFSI
SCKG1
MB-78 BOARD (7/8)
MB-78 BOARD(8/8)
P_CONT
AUDIO_MUTE
MB-78 BOARD(5/8)
MB-78 BOARD(2/8)
VMUTE
MB-78 BOARD(2/8)
no mark:DVD play
CD :CD play

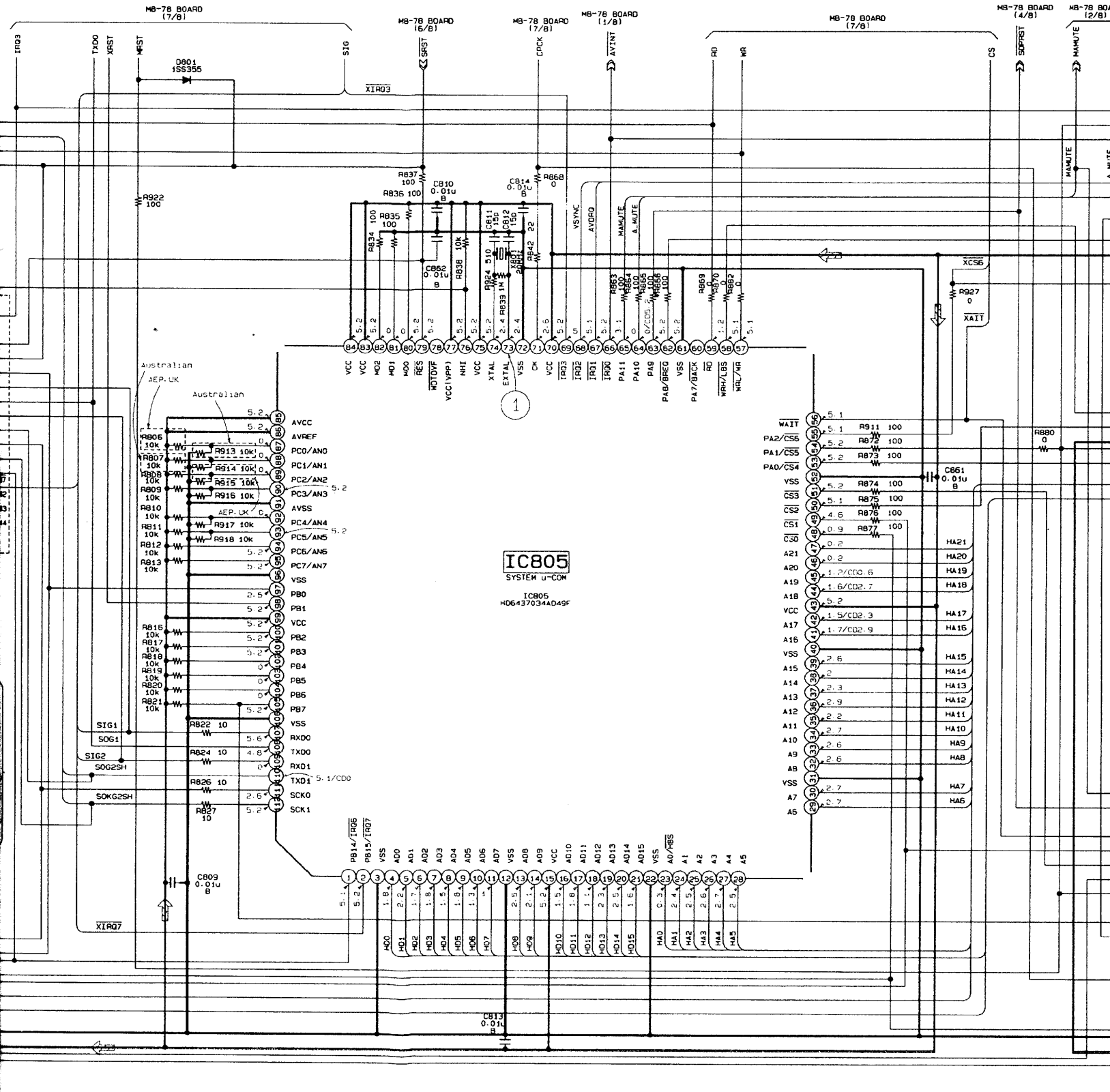
MB-78 BOARD(7/8)

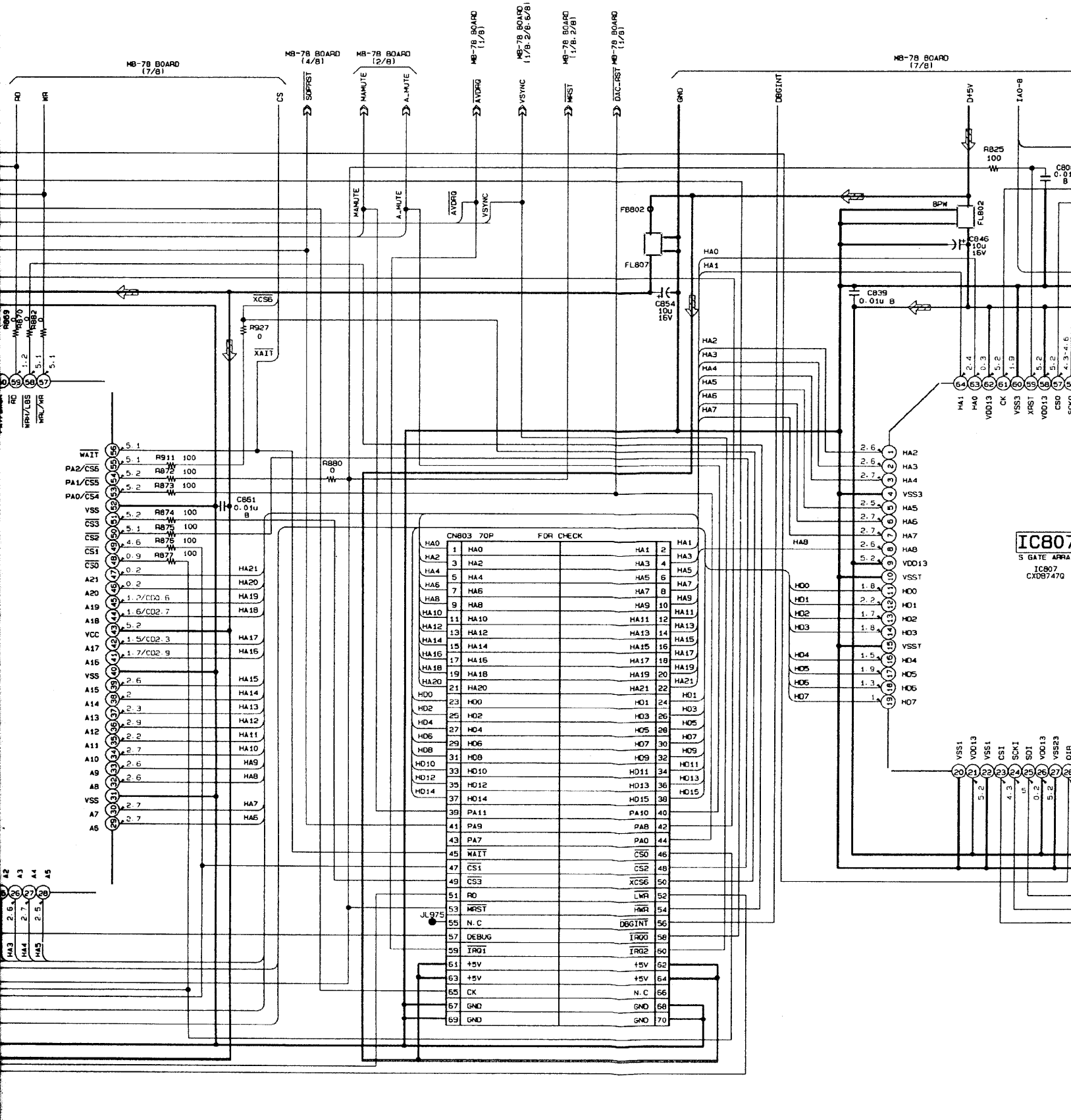

IC804
L GATE ARRAY
IC804
CXD8728Q
FOR JIG
6P CN801
TXD0
RXD
DIAGN
D_GND
CTS
D+5V
MB-78 BOARD(6/8) IFSO
MB-78 BOARD(2/8) AVCK
MB-78 BOARD(1/8.8/9.9/9) 27M_GA
D2LT
MB-78 BOARD (2/8)
SCKG4
MB-78 BOARD(2/8) SDG4
MB-78 BOARD(2/8) HSYNC
MB-78 BOARD (6/9)
XIFBSY
XSHINT
MB-78 BOARD (2/8)
DOLT1
DOLT2
DOLT3
DVD/XVTR
AVCNT
E_V/Y
E_V/RGB
VS
MB-78 BOARD(1/8) DOUTCTL
MB-78 BOARD(1/8.2/8) OHSYNC
MB-78 BOARD (4/8)
TILT/H
ACDOET
DETON
MB-78 BOARD (3/8)
SPGC2
SPCTL0
SPCTL1
NST
OPN/CLS
MB-78 BOARD (4/8)
CD/DVD
COLDON
DVDLDON
MB-78 BOARD (4/8)
BUSY2
ERROR
FON
TRAY_FREE
MB-78 BOARD (3/8)
SPGC1
MB-78 BOARD (4/8)
TOFC1
TOFC2
MB-78 BOARD(3/8.5/8) S12V0FF
13.5M MB-78 BOARD(1/8.2/8)
GAIN6 MB-78 BOARD(2/8)
C806 0.01u
C803 0.01u
C863 0.01u
C802 0.01u
C809 0.01u
C810 0.01u
C811 0.01u
C808 0.01u
C851 10u 16V
FL801
FB801
R901 0
R912 2200
R900 0
R848 0
R883 0
R830 0
R899 0
R923 10K
R831 0
R832 47
R897 0
JL914
JL902
JL901
JL800
JL801
JL802
JL803
JL804
JL805
JL806
JL807
JL808
JL809
JL810
JL811
JL812
JL813
JL814
JL815
JL816
JL817
JL818
JL819
JL820
JL821
JL822
JL823
JL824
JL825
JL826
JL827
JL828
JL829
JL830
JL831
JL832
JL833
JL834
JL835
JL836
JL837
JL838
JL839

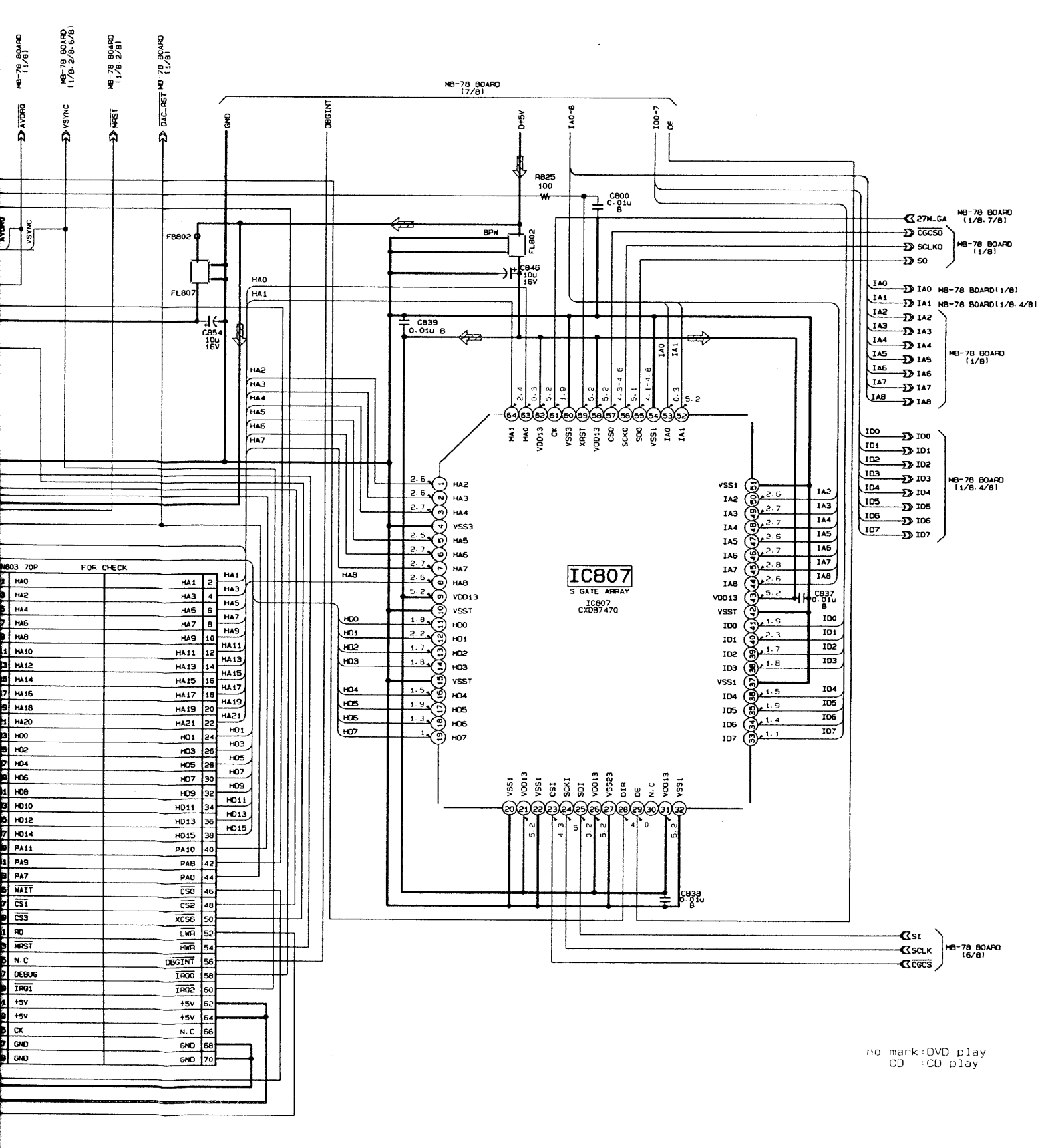

IC810
4M DRAM
IC811
DECRYPT
IC812
LPF
Внешн. синхр. имп.
CD DA Audio вых цифр
IC203
CD VC DVD Vc-вых цифр
дешифратор для исключения несанкционного копирования
Система Макро визион. В видеосигнал добавляются имп. сбивающие систему АРУ - видеомагнитофона. Сам АРУ видео апп. не записывает фильм с этими импульсами и смотреть так на другом видео аппарате нельзя.
MB-78 BOARD(8/8)
MB-78 BOARD (1/8)
no mark:DVD play
CD:CD play

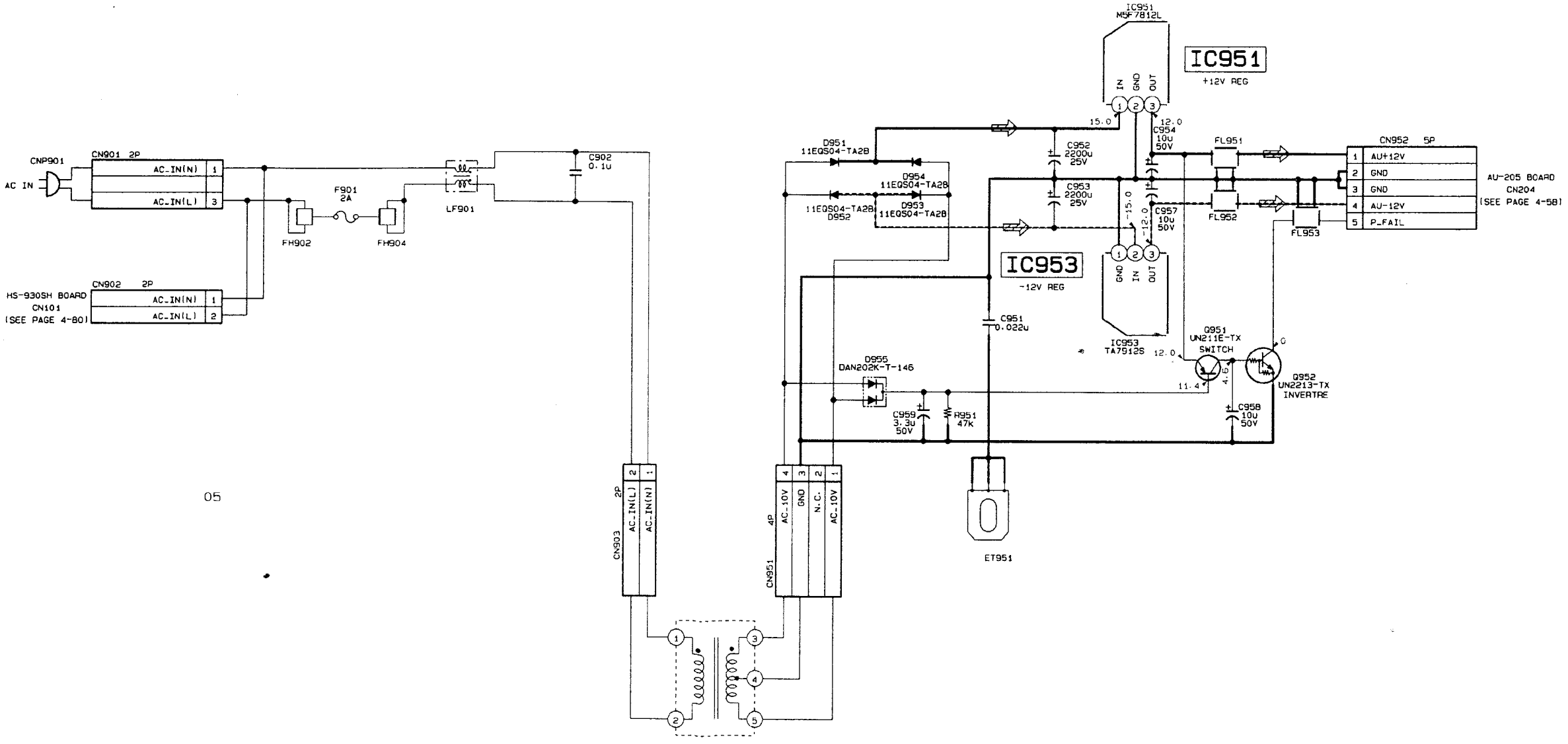
MB-78 BOARD(6/8)



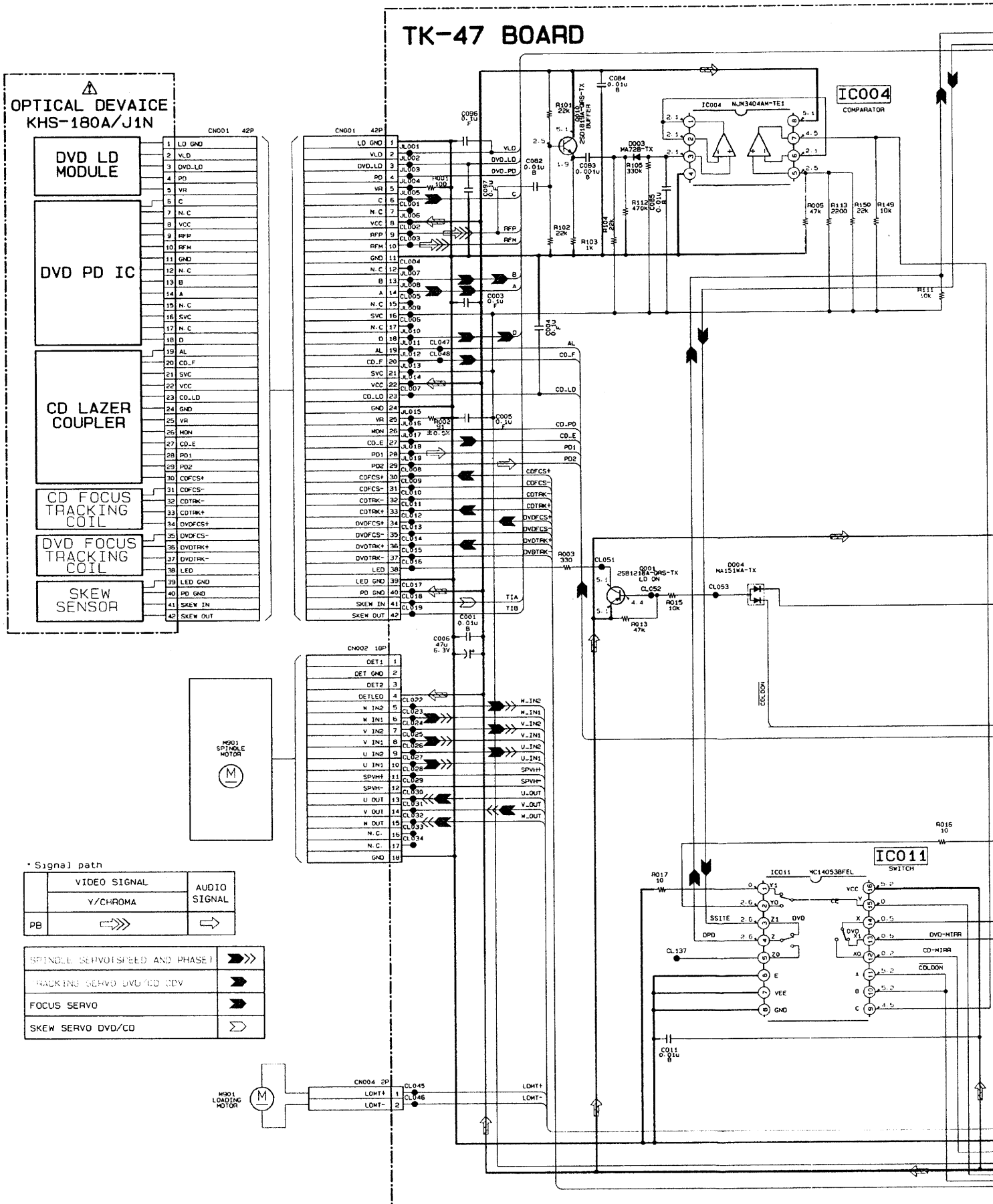

M8-78 BOARD (7/8)
M8-78 BOARD (6/8)
M8-78 BOARD (7/8)
M8-78 BOARD (1/8)
M8-78 BOARD (7/8)
M8-78 BOARD (4/8)
M8-78 BOARD (2/8)
IRQ3
TXDO
XRST
MRST
SIG
SRST
CPCK
AVINT
RD
WR
CS
SDPRST
MAMUTE
D801 1SS355
XIRQ3
R922 100
R837 100
C810 0.01u B
R836 100
C814 0.01u B
R868 0
R835 100
R834 100
C811 15p
C812 15p
X801 20MHz
R842 22
C852 0.01u B
R838 10K
R824 510
R839 1M
VSYNC
AVDRQ
MAMUTE
A_MUTE
R863 100
R864 100
R865 100
R866 100
R867 100
R869 0
R870 0
R882 0
XCS6
R927 0
XAIT
VCC VCC MD2 MD1 MD0 RES WDTOVF VCC(VPP) NMI VCC XTAL EXTAL VSS CK VCC IRQ3 IRQ2 IRQ1 IRQ0 PA11 PA10 PA9 PA8/BREQ VSS PA7/BACK RD WRH/LBS WRL/WR
IC805
SYSTEM u-COM
IC805
HD64337034AD49F
Australian
AEP.UK
Australian
AVCC
AVREF
PC0/AN0
PC1/AN1
PC2/AN2
PC3/AN3
AVSS
PC4/AN4
PC5/AN5
PC6/AN6
PC7/AN7
VSS
PB0
PB1
VCC
PB2
PB3
PB4
PB5
PB6
PB7
VSS
RXD0
TXD0
RXD1
TXD1
SCK0
SCK1
R805 10k
R806 10k
R807 10k
R808 10k
R809 10k
R810 10k
R811 10k
R812 10k
R813 10k
R913 10k
R914 10k
R915 10k
R916 10k
R917 10k
R918 10k
R815 10k
R817 10k
R819 10k
R819 10k
R820 10k
R821 10k
R822 10
R824 10
R826 10
R827 10
SIG1
SOG1
SIG2
SOG2SH
SOKG2SH
5.1/CD0
C809 0.01u B
C813 0.01u B
PB14/IRQ6
PB15/IRQ7
VSS AD0 AD1 AD2 AD3 AD4 AD5 AD6 AD7 VSS AD8 AD9 VCC AD10 AD11 AD12 AD13 AD14 AD15 VSS A0/HBS A1 A2 A3 A4 A5
HD0 HD1 HD2 HD3 HD4 HD5 HD6 HD7 HD8 HD9 HD10 HD11 HD12 HD13 HD14 HD15 HA0 HA1 HA2 HA3 HA4 HA5
WAIT
PA2/CS6
PA1/CS5
PA0/CS4
VSS
CS3
CS2
CS1
CS0
A21
A20
A19
A18
VCC
A17
A16
VSS
A15
A14
A13
A12
A11
A10
A9
A8
VSS
A7
A6
R911 100
R872 100
R873 100
R874 100
R875 100
R876 100
R877 100
C851 0.01u B
R880 0
HA21 HA20 HA19 HA18 HA17 HA16 HA15 HA14 HA13 HA12 HA11 HA10 HA9 HA8 HA7 HA6

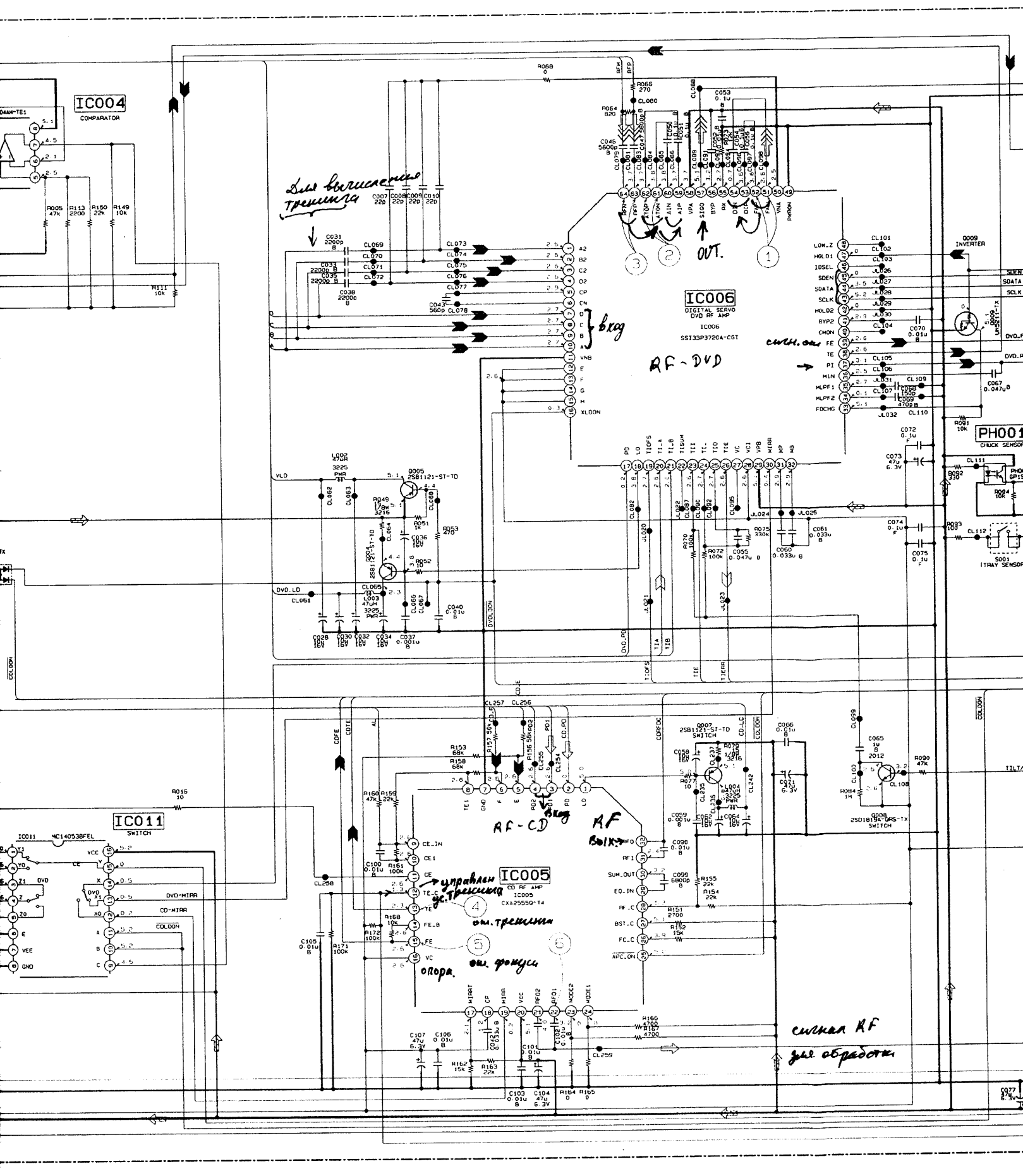

MB-78 BOARD (7/8)
MB-78 BOARD (4/8)
MB-78 BOARD (2/8)
MB-78 BOARD (1/8)
MB-78 BOARD (1/8, 2/8, 6/8)
MB-78 BOARD (1/8, 2/8)
MB-78 BOARD (1/8)
MB-78 BOARD (7/8)
RD
WR
CS
SUPRST
MAMUTE
A_MUTE
AVDRQ
VSYNC
MRST
DAC_RST
GND
DBGINT
D+5V
IA0-8
R825 100
FB802
FL807
FL802
8PW
C846 10u 16V
C854 10u 16V
C839 0.01u B
HA0
HA1
HA2
HA3
HA4
HA5
HA6
HA7
HA8
XCS6
XAIT
R927 0
R880 0
C861 0.01u B
WAIT
PA2/CS6
PA1/CS5
PA0/CS4
VSS
CS3
CS2
CS1
CS0
VCC
A21
A20
A19
A18
A17
A16
A15
A14
A13
A12
A11
A10
A9
A8
A7
A6
R911 100
R872 100
R873 100
R874 100
R875 100
R876 100
R877 100
CN803 70P FOR CHECK
JL975
IC807
S GATE ARRA
IC807
CXD8747Q
HD0
HD1
HD2
HD3
HD4
HD5
HD6
HD7
HD8
HD9
HD10
HD11
HD12
HD13
HD14
HD15
PA11
PA10
PA9
PA8
PA7
PA0
CS0
CS1
CS2
CS3
XCS6
RD
LWR
HWR
MRST
N.C
DEBUG
IRQ0
IRQ1
IRQ2
+5V
CK
GND
VSS1
VDD13
SCKI
SDI
VSS23
DIR

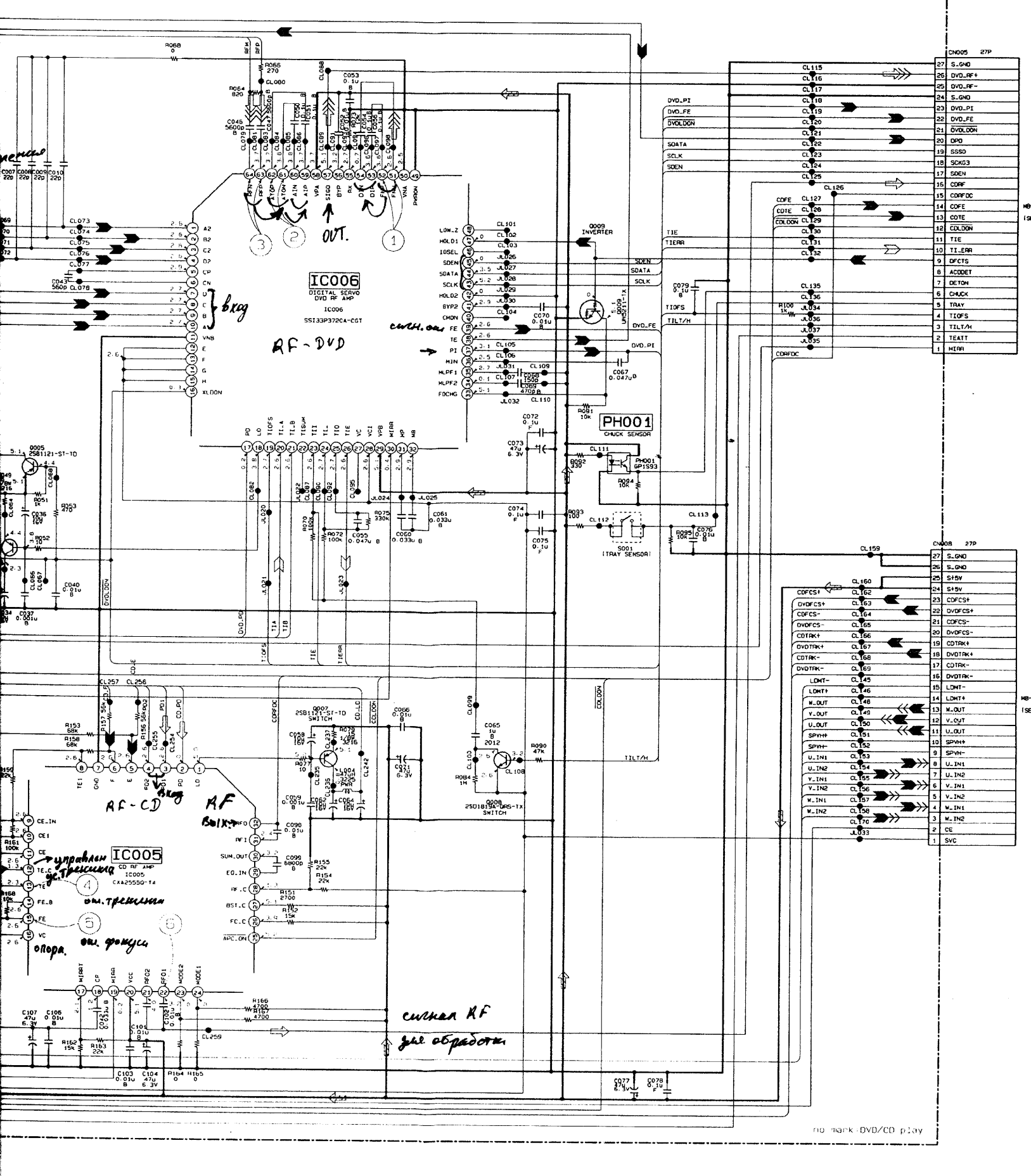

IC807
S GATE ARRAY
IC807
CXD8747Q
FOR CHECK
CN803 70P
no mark:DVD play
CD :CD play


CNP901
AC IN
CN901 2P
AC_IN(N) 1
AC_IN(L) 3
CN902 2P
HS-930SH BOARD
CN101
(SEE PAGE 4-80)
AC_IN(N) 1
AC_IN(L) 2
FH902
F901
2A
FH904
LF901
C902
0.1u
CN903 2P
AC_IN(L) 2
AC_IN(N) 1
CN951 4P
AC_10V 4
GND 3
N.C. 2
AC_10V 1
IC951
M5F7812L
IC951
+12V REG
IN GND OUT
15.0
12.0
C954
10u
50V
D951
11EQS04-TA2B
D954
11EQS04-TA2B
D953
11EQS04-TA2B
D952
C952
2200u
25V
C953
2200u
25V
FL951
FL952
FL953
CN952 5P
1 AU+12V
2 GND
3 GND
4 AU-12V
5 P_FAIL
AU-205 BOARD
CN204
(SEE PAGE 4-58)
-15.0
-12.0
C957
10u
50V
IC953
-12V REG
GND IN OUT
C951
0.022u
IC953
TA7512S
12.0
Q951
UN211E-TX
SWITCH
Q952
UN2213-TX
INVERTRE
11.4
4.6
D955
DAN202K-T-146
C959
3.3u
50V
R951
47k
C958
10u
50V
ET951

05


TK-47 BOARD
OPTICAL DEVAICE
KHS-180A/J1N
DVD LD MODULE
DVD PD IC
CD LAZER COUPLER
CD FOCUS TRACKING COIL
DVD FOCUS TRACKING COIL
SKEW SENSOR
CN001 42P
CN002 16P
CN004 2P
IC004 COMPARATOR
IC011 SWITCH
M901 SPINDLE MOTOR
M901 LOADING MOTOR
• Signal path
VIDEO SIGNAL
Y/CHROMA
AUDIO SIGNAL
PB
SPINDLE SERVO(SPEED AND PHASE)
TRACKING SERVO DVD/CD 2DV
FOCUS SERVO
SKEW SERVO DVD/CD


IC004
COMPARATOR
IC006
DIGITAL SERVO DVD AF AMP
IC006
SSI33P3720A-CGT
RF-DVD
вход
OUT.
IC011
SWITCH
IC011
MC14053BFEL
DVD
DVD-MIRR
CD-MIRR
COLDON
IC005
CD RF AMP
IC005
CXA2555Q-T4
RF-CD
Вход RF
управление ус.трекинга
ок.трекинга
ок.фокуса
опора.
сигнал RF для обработки
Для вычисления трекинга
INVERTER
PH001
CHUCK SENSOR
S001
(TRAY SENSOR)
2SB1121-ST-TD
SWITCH
2SD1819A-QRS-TX
SWITCH
2SB1121-ST-TD
2SD1819A-QRS-TX


IC006
DIGITAL SERVO
DVD RF AMP
IC006
SSI33P372CA-CGT
RF-DVD
вход
сигн. от
OUT.
IC005
CD RF AMP
IC005
CXA2555Q-T4
RF-CD
RF
выход
управление фокусом
сиг. трекинга
сиг. фокуса
опора.
PH001
CHUCK SENSOR
S001
(TRAY SENSOR)
Q009
INVERTER
Q007
2SB1121-ST-TD
SWITCH
Q008
2SD1815A-QRS-TX
SWITCH
сигнал RF
для обработки
CN005 27P
CN008 27P
DVD_PI
DVD_FE
DVDLDON
SDATA
SCLK
SDEN
TIE
TIERR
TIOFS
TILT/H
CDFE
CDTE
CDLDON
CDRFDC
CDFCS+
DVDFCS+
CDFCS-
DVDFCS-
CDTRK+
DVDTRK+
CDTRK-
DVDTRK-
LDMT-
LDMT+
W_OUT
V_OUT
U_OUT
SPVH+
SPVH-
U_IN1
U_IN2
V_IN1
V_IN2
W_IN1
W_IN2
CE
SVC
no mark:DVD/CD play